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CONTENTS

THE WHOLE OF THE LITERARY MATTER IN THE LANCET IS COPYRIGHT

ORIGINAL ARTICLES

Pædiatrics: Past, Present and Perspective: The Cult of the Child — Changes within Memory — The Picture Today—Preventive Pædiatrics — The Story of Summer Diarrhœa—Curative Pædiatrics—Hopes for the Future—The Child and His Environment. By Sir ROBERT HUTCHISON, P.R.C.P. (*with chart*) 799

An Outbreak of Sonne Dysentery: Clinical Features — Bacteriology —Serology. By R. CRUICKSHANK, M.R.C.P., and R. SWYER, M.R.C.S. (*with chart*) 803

Porphyrinuria in a Case of Industrial Methyl Chloride Poisoning. By J. N. M. CHALMERS, M.D., A. E. GILLAM, D.Sc., and J. E. KENCH, Ph.D. (*illus.*)..... 806

Phenothiazine as an Anthelminthic in Threadworm and Roundworm Infections. By PHILIP MANSON-BAHR, F.R.C.P. 808

Volvulus of the Intestine with Intertwining Loops. By Prof. MILROY PAUL, F.R.C.S. (*with diagrams*) 809

REVIEWS OF BOOKS

Malignant Disease and its Treatment by Radium. By Stanford Cade, F.R.C.S. 810

Practical Bedside Diagnosis and Treatment. By Henry Joachim, M.D. .. 810

War-time Nurse. Edited by J. M. Mackintosh, M.D. 810

LEADING ARTICLES

FORETELLING BREAKDOWN 811

ALCOHOL, ANÆSTHESIA AND INFECTION 811

OPHTHALMOPLEGIC MIGRAINE 812

VERITOL 813

ANNOTATIONS

The Bleeding Tooth Socket 814

Lead Absorption from Bullets 814

Gastric Tonus..... 814

Treatment of Aplastic Anæmia 815

The Acholuric Infant..... 815

Control of Drug Traffic.... 815

Testing Sterility of Dressings 816

A Cure for Cramp..... 816

New Government Powers.. 816

SPECIAL ARTICLES

Diphtheria Control in Scotland: Number of Children immunised—Susceptibility — Age at immunisation — General Finance 817

War Strain: A Debate at The Tavistock Clinic.... 818

Immunisation against Virus and Rickettsial Diseases: Smallpox — Rabies — Yellow Fever—Influenza —Being an abstract of the third Harben lecture delivered at the Royal Institute of Public Health and Hygiene by Lieut.-Col. H. J. Bensted., M.C., R.A.M.C. 819

LETTERS TO THE EDITOR

Anæsthesia in the Shocked Patient (Prof. R. R. Macintosh, D.M.)..... 822

Service Patients in Sanatoria (Dr. Robert Flew) 822

The Sick in Bombed Areas (Drs. K. W. C. Sinclair-Loutit and G. B. Shirlaw) 823

Radon Dosage (Prof. Sidney Russ, D.Sc.) (*with chart*) 823

The Treatment of Burns (Mr. Percival Cole, F.R.C.S.) 823

The Sedimentin Index (Mr. A. W. Farmer)..... 824

Psoriasis and Rheumatoid Arthritis (Dr. J. W. Shackle) 824

Diphtheria Diagnosis by Post (Dr. Magnus Haines) 824

The De-specialising of Pathology (Dr. W. W. Walther) 824

A War-time Spectre (Dr. H. D. L. Spence)..... 824

Abdominal Actinomycosis (Mr. G. C. D. Roberts, F.R.C.S.).. 825

PUBLIC HEALTH

Tuberculosis in Wales..... 825

Infectious Disease in England and Wales..... 825

OBITUARY

Prof. Robert Howden, D.Sc. (*with portrait*)..... 826

William Wallace, M.D..... 826

Colonel A. G. Thompson... 826

Surgeon Lieut. B. H. Brindle 827

IN ENGLAND NOW

A Running Commentary by Peripatetic Correspondents..... 821

PARLIAMENT

Current Topics..... 827

Compensation for Civilian War Injuries — Shelter Problems 827

Question Time: Lord Lothian's Death — Diphtheria Toxoid for Practitioners — Immune Carriers—Mobile First-aid Units — Medical Officers in Air-raid Shelters—Surgery Hours —Protection of Panel Practices—Day Nurseries —Protection against Typhoid—Fortified Flour 827

MEDICAL NEWS

University of Cambridge.. 828

University of Aberdeen 828

Royal College of Surgeons of Edinburgh..... 828

Nursing Recruitment Centre 828

Industrial Health Education Society..... 828

Course of Training for Midwives..... 829

King Edward's Hospital Fund 829

Ling Physical Education Association 830

NOTICES

Bombs or Health?..... 829

Diphtheria Gravis in Ireland..... 830

Bugs for the Million 830

LANCET Crossword..... 830

Appointments 830

Births, Marriages and Deaths..... 829

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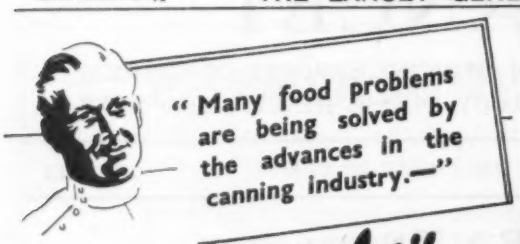

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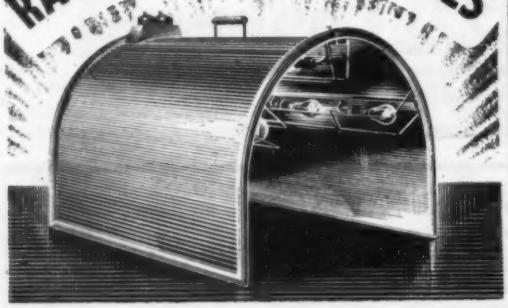

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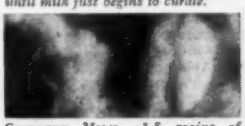

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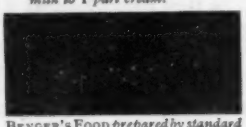

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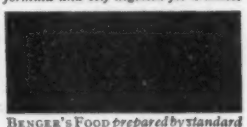

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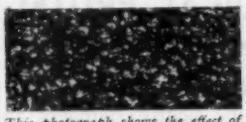

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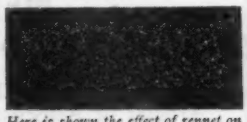

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ORIGINAL ARTICLES

PÆDIATRICS:
PAST, PRESENT AND PERSPECTIVE *

BY SIR ROBERT HUTCHISON, Bt., M.D. Edin., LL.D.
PRESIDENT OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON; CONSULTING PHYSICIAN TO THE LONDON HOSPITAL AND TO THE HOSPITAL FOR SICK CHILDREN, GREAT ORMOND STREET

PÆDIATRICS, in this country at least, is a young specialty. It is true that it is nearly 400 years since the first English book on the subject was published—Thomas Phayer's "Boke of Children"—but it was not until the eighteenth century was well advanced that more interest began to be taken in the diseases of childhood, although there was still prevalent the curious idea that little could be done for them. George Armstrong, in his "Account of the Diseases most incident to children from their Birth to the Age of Puberty," published in 1777, protests against such a notion and deplores the neglect of this field and that the care of infants is commonly left "to old women, nurses and midwives," although William Cadogan had issued a generation earlier his excellent "Essay upon Nursing and the Management of Children." There were other popular books on the subject about this time, but most of them have been justly stigmatised by Gee as "masterpieces of twaddle."

The foundation of a dispensary for children by Armstrong in Red Lion Square in 1769, however, first put pædiatrics on the map. It was high time, for we are told that half the children born in London at this period died before the end of their fourth year. Interest in the subject grew slowly in spite of the publication in 1789 of Michael Underwood's "Treatise on the Diseases of Children," perhaps the most advanced eighteenth-century book on pædiatrics. Armstrong's dispensary did not long survive his death (which occurred about 1783), and it was not until another generation had elapsed that the Universal Dispensary for sick and indigent children was founded in St. Andrew's Hill by Dr. J. Bunnell Davis in 1816 and ultimately, after its removal in 1823 to the Waterloo Road under the name of the Royal Universal Infirmary for Children, became the nucleus of the present Waterloo Road Hospital. In 1829 Manchester started a dispensary for children and Liverpool followed suit in 1832, but the first real children's hospital in the modern sense was opened in Great Ormond Street in 1852, Charles West and Bence Jones being its chief authors. It occupied originally, as is well known, the house formerly owned by Mead, the building which succeeded it and which has only recently been superseded being opened in 1877. The establishment of a large hospital entirely devoted to diseases of children gave a great impetus to the study of the subject, and in 1883 the British Medical Association devoted for the first time a special section to pædiatrics at its annual meeting, Gee being president. The experiment was perhaps premature, for the section did not meet again till 1888, when Cheadle was in the chair, but since then it has been a regular feature at the meetings.

George Armstrong deserves the credit of being the first English pædiatrist, but Charles West (1816–1898) was the chief promoter of the subject in the last century. He was for some years connected with the dispensary in the Waterloo Road and four years before the foundation of the Great Ormond Street Hospital he had published (1848) his "Lectures on the Diseases of Infancy and Childhood" which were delivered to the students of the Middlesex Hospital and which constitute the first really systematic treatise on pædiatrics in the English language. But West was not a "pure" pædiatrist in the sense that he devoted himself solely to children's diseases, for he was also an obstetrician and there was, in fact, for many years a tendency to regard obstetrics and pædiatrics as being in some way inevitably associated. West's successors on the staff of the hospital for Sick Children towards the end of the nineteenth century were even less specialists in children than he, indeed they seem rather to have resented the imputation of being "babies' doctors." Gee (1883), for instance, says, "Looking over the names of the men . . . who made our knowledge what it is I do not find one who could be called a specialist in children's diseases; but the multitude are mad after specialities." On the other hand, outside London there were two men who devoted themselves to the study and treatment of diseases of children exclusively—Henry Ashby (1846–1908) in Manchester and John Thomson (1856–1926) in Edinburgh—and pædiatrics owes to both an immense debt. Before the last war there were few pure pædiatrists in London, but in recent years it has become the rule rather than the exception for anyone who takes up diseases of children to confine himself to that branch of practice. How far this has been an advantage it is difficult to say. It has undoubtedly led to a more rapid advance in our knowledge than would otherwise have been the case and has therefore been good for the science of pædiatrics; but has it been equally good for its practice as an art? Gee said he had no doubt that his knowledge of children's diseases would have been much poorer and meaner had it not been for the larger experience he gained at St. Bartholomew's, and assuredly pædiatrics and adult medicine are capable of throwing mutual light on each other. On the other hand, the public now demand the pure specialist, for it is a true saying that the world suspects a man who can do two things well.

> "One science only will one genius fit:
> So vast is art, so narrow human wit."

"But," says Gee, "art is not yet so vast nor human wit so narrow that the diseases of children need be made a speciality," and as one who has practised both general medicine and pædiatrics I am naturally inclined to agree with him.

THE CULT OF THE CHILD

It is noteworthy that the stimulus to the intensive study of children's diseases came not from our universities or teaching bodies but in response to a public demand, this demand being a consequence of the cult of the child which has been so remarkable a feature of social development in recent years. Down almost to the end of the Victorian epoch there was a surprising indifference to the question of child-health. Families were large and children were regarded as cheap and a heavy mortality amongst them as inevitable. With the movement for social betterment in the first decade of the present century, however, and the introduction of medical inspection of children in the elementary schools, it became apparent how much preventable disease existed amongst the young, and the public conscience was roused. The outcome was a great impetus towards all forms of preventive medicine as applied to the child population and those who were making a special study of disease in childhood came into their own. It was then that pædiatrics was really born in England. Even yet, however, the subject has received little academic recognition. It is a remarkable fact that in the University of London there is no professorship of diseases of children, and only two, and these of recent creation, in the provincial universities. In Scotland also there are two. Very different is the position elsewhere; in America and Canada, and on the continent of Europe, in Scandinavia and even in such small countries as Holland and Denmark, there have long been professorships and well-endowed clinics in the subject.

Cheadle, in an address on The Present Position of the Study of Diseases of Children in Relation to Medical Education, as long ago as 1888 made these recommendations:

(1) Examining bodies should require a knowledge of the subject in the final examination;

(2) They should demand a three months' course of instruction in pædiatrics;

(3) Organised lectures and clinical instruction should be arranged at every medical school;

* A Lloyd Roberts lecture which was to have been delivered at Manchester in November but was cancelled and taken as read owing to the war.

(4) Children under two should be admitted freely to children's wards.

Fifty years later these recommendations, and especially the first, have not yet been entirely met.

The objection has sometimes been raised to pædiatrics as a specialty that a horizontal division of patients into those below the age of puberty who fall within the sphere of the pædiatrist and those above it who do not, is arbitrary and unnatural. In adult medicine the different specialties are divided by a so-to-speak vertical cleavage and it has been argued that it would be better if this were continued through all ages of life so that a neurologist, for instance, would deal with cases of nervous disease both in children and adults and so with all the other specialties. In theory there is much to be said for this contention but it is not practical so long as there are large hospitals which admit children only and which offer the best field for the study of their diseases. Meanwhile there is a tendency to some degree of specialism even within the limits of pædiatrics; the management of infancy in health and disease and the nervous diseases of childhood, both functional and organic, are becoming almost specialties in themselves, regrettable and unnecessary though this further subdivision may be.

Before closing this short sketch of the rise of pædiatrics in this country mention should be made of the part played in the advance of the subject by special societies. Of these there have been two: first, the Society for the Study of Diseases in Children which was founded in London in the first year of this century largely at the instigation of the late Dr. Sydney Stephenson and which ultimately became the children's section of the Royal Society of Medicine; second, the British Pædiatric Association which dates from 1928 and whose chief progenitor was Dr. Donald Paterson. Both of these societies have done much to foster interest in diseases of children in this country.

CHANGES WITHIN MEMORY

It was about the year 1890 that I first began the study of children's diseases under John Thomson—*clarum et venerabile nomen*—and indeed for some time I had the advantage of being his only pupil at one of the dispensaries in Edinburgh. It is interesting to contrast the raw material of pædiatrics met with in the out-patient room then with what one finds today. The first thing that strikes one on retrospection was the greater appearance of poverty amongst the patients in the old days. Children were often ill-clad, dirty, malodorous and even verminous, conditions which are fortunately rare today. The patient was usually one of a large family, the solitary child being in those days a rare bird. Undernourished children were common and the diseases of malnutrition such as rickets were met with in a flagrant form rarely seen now. Scurvy on the other hand was not, I think, more frequent, probably because few patients could afford the patent foods that usually produce it. Naturally what is now called nutritional anæmia was prevalent and not uncommonly in the chlorotic form of which the modern hypochromic anæmia is but a feeble simulacrum. Even the type of anæmia and splenomegaly associated with the name of von Jaksch was by no means rare and when I was preparing material for the Goulstonian lectures 35 years ago I had still no difficulty in collecting a large number of examples of it. Now, of course, it has almost disappeared.

Methods of infant feeding were different then. Whether artificial feeding was commoner than it is now I am not sure; probably not, for the economy of natural feeding was a strong inducement to these poor mothers to use it and indeed often to continue it too long. Dried milk had not yet been invented, so diluted cow's milk or condensed milks were the staple substitutes. Tube-bottles were the rule rather than the exception, and foul, sour-smelling contraptions they often were. Almost every baby had its comforter. It is not surprising therefore that diarrhœa and vomiting, and their common sequela marasmus, were prevalent to a degree unknown today. Vomiting due to pyloric stenosis was hardly recognised at that time, not that there is any reason to suppose that it was rarer than it is now but simply because it was overlooked. I have an impression, however, that despite this few infants actually died of it. Tuberculosis is still, of course, all too frequent amongst children but it was far more rife in those days, especially in its surgical forms. Edinburgh, it is true, had then a particularly bad reputation as regards surgical tuberculosis, but even when I first went to Great Ormond Street in 1896 cases of tuberculous glands and abdominal tuberculosis were numerous. Congenital syphilis, too, though never really a common disease was certainly commoner than now and occurred in more florid forms.

Bronchitis and pneumonia were frequent, as they still are, but I have a decided impression that upper respiratory tract infections were less severe than they are today. We did not see so many cases of bad mastoid and sinus trouble; perhaps it is that we were unable to diagnose them, and recovery took place without interference. Tonsils were then less subject to enlargement and adenoids were only beginning to be recognised, but, partly on that account I think, more importance was attached to them than to tonsils. The craze for the wholesale removal of tonsils and adenoids, however, was still two or three decades in the future. Dyspepsia in those days usually presented itself in the form of what we called "mucous disease," using the term applied to it by Eustace Smith. It was attributed, and probably rightly, to excessive consumption of carbohydrates, and children suffering from it were amongst the commonest objects in the outpatient room. The hepatic variety of dyspepsia, on the other hand, associated with acidosis and cyclical vomiting, and due to inability to digest fats, which is so common today, was then rare.

The nervous child is, I am sure, met with oftener today than formerly for reasons which will be discussed shortly; but, on the other hand, we are better equipped for dealing with such cases than we were. The late Dr. Guthrie in his delightful book "Functional Nervous Disorders of Childhood" (1907) recognised even then that most functional neuroses in children are of psychical origin, but adds that psychology does not help much in treating them for "psychology deals solely with the normal mind." That is certainly not true now.

There is one disease which does not seem to have changed much in its incidence during the half century, and that is acute rheumatism. It was common then and it is common now, although I am told by my younger colleagues who are still in hospital practice that it seems to be assuming a milder type.

THE PICTURE TODAY

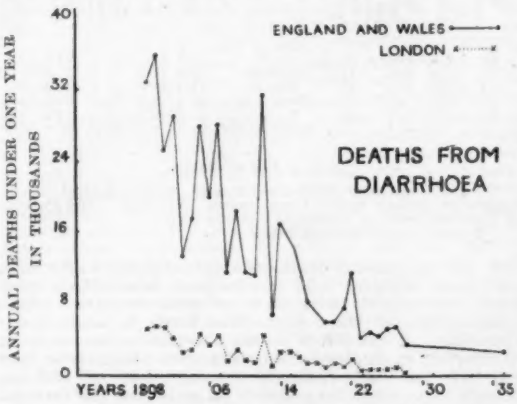
Have any new diseases appeared amongst children in the last 40 or 50 years? It is difficult to be sure. It is well to remember what Gee said, "In general I am not disposed to put much faith in the uprising of new diseases. I find it more easy to believe that they have been overlooked; still more that they have been confounded." None the less it seems true that epidemic and post-vaccinal encephalitis are new-comers. Pink disease, on the other hand, it is easier to believe was overlooked or "confounded." Of course a great many new syndromes have been described in recent years; indeed with their eponymous names they have become rather a nuisance and the exhibition of examples of them makes a clinical demonstration at a meeting of present-day pædiatrists rather like a freak show. Apart from the appearance of new diseases there must already be, and there will be still more in the future, a *relative* increase in the number of cases of pyloric stenosis, congenital heart disease and other deformities, spastic palsies from birth injuries and examples of primary amentia from developmental causes apart from birth injury, for all these conditions are commoner in the firstborn (Still, 1927) and, owing to the prevalent small size of families, there are going to be relatively more firstborn children in the community than hitherto. These products of nature's prentice hand are less likely to be up to standard than those produced after them—one of the remoter results of family limitation which is apt to be forgotten.

Finally, in contrasting hospital work then and now one must remember that the early pædiatrists had to cope with a great mass of disease without the aid of modern diagnostic methods; there were no X rays, no lumbar punctures, no Wassermann or Widal reactions, no clinical pathologists or biochemists and not even an electric ophthalmoscope or auriscope. They had to

depend on their own unaided senses and had a more interesting, exciting and adventurous time than their successors of today.

PREVENTIVE PÆDIATRICS

Looking back, then, one gets the impression of an immense diminution of serious disease in children now as compared with fifty years ago, and the improvement can be presented statistically. The simplest test is the infantile-mortality rate. This was 156 per 1000 in the last year of last century and is now about 53, and throughout the whole of childhood a diminution almost equally striking is shown. To what extent is this improvement due to preventive pædiatrics in the strict sense—that is, to special measures designed to prevent disease in children such as welfare centres and medical inspection in schools—and how much of it is the result of adventitious circumstances? Speaking for myself I have little doubt that the diminution in poverty which has taken place since the beginning of this century has been the main cause of the diminished child mortality, for poverty with all that it implies is a great promoter of disease. It is true, of course, that children have shared in the benefits of the improved hygienic conditions which have come about and no-one would wish to belittle the work done by welfare centres and the school medical service, but compared with the better feeding, housing and care which an improved economic position of the family makes possible, I think they are unimportant. Striking confirmation of this view is afforded by the statistical investigations of Greenwood and Bradford Hill which showed that the greatest improvement in mortality in the last three-quarters of a century has been in children of pre-school age, although that is an age for which preventive pædiatrics has done least. It is noteworthy, too, that the infant welfare movement was only in its pioneer stage during the first decade of this century; there were not more than 100 centres in the whole of England and Wales in 1911, there are now over 3000; yet during that period the infant mortality had fallen to two-thirds of what it had been 10 years earlier.



THE STORY OF SUMMER DIARRHŒA

Epidemic diarrhœa provides an interesting test case in this connexion. The younger generation of pædiatrists can hardly realise what a plague this used to be. Every year in the late summer, especially if there had been some weeks of heat, as there usually were in those times, scores of these collapsed and dehydrated babies were admitted to the wards and a very high proportion of them died in spite of all efforts at treatment. It was, I remember, very prevalent in the closing years of last century and in 1898 there were about 36,000 deaths in England and Wales from diarrhœa in children below the age of one year—a number nearly equal to the present infantile deaths from *all* causes. That was the peak year, and although there have been recrudescences since, notably in the very hot summer of 1911 when the diarrhœa deaths rose to 32,000, they number now less than 4000, and even the very prolonged heat of the summer of 1921 only caused a rise to 12,000. There has always been some mystery about this scourge of infancy. Although undoubtedly infective, no single organism has ever been identified as the cause of it, in spite of all the efforts of the bacteriologists. For my own part I am inclined to suspect that it may be a virus infection and that the organisms cultivated from the excreta in different epidemics—dysentery bacilli, streptococci and the like—are secondary invaders. Be this as it may, the virtual disappearance of epidemic diarrhœa is as mysterious as its cause. It was always known, of course, to be associated with poverty, dirt, overcrowding and defective sanitation, and the amelioration of all these in recent years must have done much to prevent it. Again, it has been suggested that the replacement of the horse by the car played a part by diminishing the number of flies which were believed to carry infection. It must also be noted that the diminution in the incidence of diarrhœa coincided with the gradually increasing use of dried milks instead of ordinary milk in artificial feeding. It seems reasonable, moreover, to attribute a large share in its abatement to the work of the infant welfare centres. None the less, when all these factors have been taken into account there is, to anyone who has been actively engaged in pædiatrics during the last forty years, something a little inexplicable about the vanishing of this disease and it may be that there has been a decline in the virulence of the infection. My main point, however, is that, as with infantile mortality in general, so in the case of this particular disease, improvement in the economic condition of the poorer classes, and inventions such as dried milk and the internal combustion engine have had at least as much to do with lessening it as any ad hoc measures such as fall under the title of preventive pædiatrics.

CURATIVE PÆDIATRICS

If we turn now to consider the part played by curative medicine in the saving of child life in the last fifty years we shall find that, until quite recently at least, it is rather disappointing. Looking back one is convinced that there are not many diseases that we can cure now that we could not cure then. Diabetes is one of the chief, for whereas it was formerly always fatal in children it is now, though not strictly curable, robbed of much of its terror. The hæmorrhagic disease and the icterus gravis of the newly born are comparatively rare conditions with which we can now cope successfully as we can with congenital pyloric stenosis, and we have also a better control over urinary infections, but—leaving out of account the great possibilities opened up by recent chemotherapy, of which I shall speak later—it is difficult to think of any more. It is not always realised by the younger generation that cod-liver oil was known to be a specific for rickets and orange juice for scurvy long before vitamins were thought of, and looking back I am not sure that the prolonged use of mercury did not give as good results in congenital syphilis as the modern arsenical preparations. We are able to discriminate more varieties of anæmia now than then—I sometimes think the bone-marrow has gone a little mad in recent times—but, except in that small number susceptible to liver extract, our treatment is much as it was, and when we are adjured by hæmatologists nowadays to give iron in large doses in nutritional hypochromic anæmia, I cannot help remembering that when I was a student we were urged to "give it with a shovel." In the treatment of the purpuras, on the other hand, some real progress has been made, but we are as helpless as ever as regards the leukæmias. The principles of treatment in tuberculosis were as well understood then as they are now, nor has there been any material advance in the treatment of acute rheumatism and chorea as compared with that of the days of Cheadle. In many ways, indeed, I think we are not such good therapists as our forbears and that, in the use of drugs especially, we are not as skilled as they. Nor do I think that there has been much real advance in the management of infants, except those that are premature; all that has happened is that knowledge of the best methods has, thanks to welfare centres, been more generally made known and applied. It is true that the tube-bottle has gone into the limbo of forgotten things, but what is put in the bottle is much the same as it used to be in any decent children's clinic. Fashions in this matter have come and gone. At the

beginning of this century percentage feeding was all the rage but it has departed for good, and we have returned to ordinary dilutions of milk, except that we regulate quantities by the infant's weight instead of by age, whilst as regards frequency of feeding we have swung back to the long intervals advocated by Cadogan in the eighteenth century. Plus ça change, plus c'est la même chose, and I doubt if these changes are necessarily advances. We have become, it is true, "vitamin conscious," and although this has its good side it has also led to great abuses.

As regards the feeding of older children the chief anxiety of the outpatient pædiatrist a generation ago was to see that the child got enough; now that food is more easy to come by the children seem to have lost their appetite for it; an instance of starvation in the midst of plenty, to use a cliché of the moment, the reasons for which must be discussed later.

HOPES FOR THE FUTURE

I have indicated the causes which seem to have led to the great saving of child life during the last fifty years and have now to consider what further improvement in these directions may reasonably be expected in the future. We may expect that the factors which have brought about such a reduction of infant mortality in the past three decades will continue to operate although their effect will be less spectacular. A reduction of overcrowding, for instance, may do something, but it must be remembered that the relation between infantile mortality and overcrowding is not very close. More general breast-feeding, it has often been pointed out, would have a good effect, because the mortality of breast-fed infants from all causes is lower than that of the artificially fed. Dr. J. C. Spence (1938) in a valuable paper published two years ago which led to much discussion deplored what he called "the modern decline of breast-feeding." But is it modern? It will be found, I think, that, like Punch, breast-feeding has never been so good as it was. Spence calculated that in large towns not more than one-third of infants are now breast-fed to the age of six months, but Bunge (1900), in a lecture published in 1900, estimated that only half the women in the cities of central Europe were able to nurse their children at all. One finds the same complaint even in the eighteenth century. Thus Underwood (1789) asserts that mothers often do not feed their own children and says that "this can be charged only to the depravity of the age," and that "depravity of manners has ever been considered as the leading symptom of a falling Empire"—a lament which has a strangely modern ring about it. We may all agree, however, that many more mothers could nurse their babies than actually do so and that the main reasons for this are, as Spence says, indifference and mismanagement. In other words, the reasons are psychological and not physical and are to be got rid of not by improved feeding of the mother but by methods of education and persuasion. As to artificial feeding it is difficult to see how the methods at present in use in the best clinics can be improved upon, but the universal pasteurisation of cow's milk would certainly lessen the incidence of tuberculosis both in infancy and later life besides preventing other milk-borne infections. This is a step in preventive pædiatrics which is bound to come.

It must be remembered that about 40% of the present infantile mortality is due to neonatal deaths, and how difficult it is to prevent these is shown by the fact that whereas the total mortality of infants is about a third of what it was at the beginning of the century neonatal deaths have only fallen by about a fifth. The causes of these deaths of the newly born are various, but prematurity, alone or in association with other conditions, is present in half of them, while birth injuries account for about another quarter. Infections are another important factor. Neonatal mortality is not related to poverty and no improvement in social conditions can improve it. It must be dealt with by ad hoc measures, the most important of which are antenatal supervision to try to prevent premature births, better midwifery and greater individual care of the newly born. Collis (1938), who has given much attention to these cases, thinks that 20% of neonatal deaths are preventable. This may be, but I confess I cannot get up much enthusiasm for trying to save these premature arrivals: I have a strong suspicion that, of those who survive, a large proportion turn out defective either physically or mentally or both. While, then, we may look for a further appreciable reduction in the deaths of infants it is idle to expect that we can bring them down to the level of that of New Zealand, for instance, which is half that of ours, for New Zealand is not, like this, a highly industrialised country, and industrialism is an enemy to infant life. One cannot help wondering, indeed, whether the stinting production and careful saving of infant lives today is really, biologically speaking, as wholesome as the mass production and lavish scrapping of last century.

As regards mortality amongst children of pre-school and school age can much still be done? I think so. Improvement in general hygienic conditions and especially in housing will do something to save lives at both these periods and there are many whose opinion one must respect who pin their hopes to improved nutrition. I have always been rather sceptical about this. There is no evidence that under-nourishment or even malnutrition is widespread amongst the children of this country although there are certainly pockets of it in the more distressed areas. Indeed, it would be surprising were it otherwise seeing that wages on the whole are higher here than in any country in Europe, whilst food is at least as cheap. But it is said that what is needed to prevent disease is not so much the consumption of more food as an increased consumption of the so-called protective foods—milk, green vegetables, fruits and foods containing first-class protein. I have never been convinced that such foods do in fact protect against disease in general, but in any case statistics prepared by the League of Nations show that the consumption of the so-called protective foods is considerably higher per head in this country than it is in any other in Europe (see table),

ESTIMATED ANNUAL CONSUMPTION PER HEAD *

Milk (gallons)	Meat (lb.)	Eggs (number per head)	Citrus fruit (lb.)	—	Births	Deaths	Infantile mortality	Deaths from tb.	Puerperal mortality
89	140	172†	33	U.K.	15·7	12·1	64·7	84·3	4·6
79	110	129	15	Germany	16·3	11·0	78	75·5	5·2
N.A.	82	110	15	Sweden	14·4	11·6	52	114·4	3·4
92	125	86	12	Denmark	18·0	10·8	73	64·2	3·8
98	73	124	21	Norway	15·7	10·4	45	33·2	2·8
80	91	N.A.	28	Netherlands	21·8	9·0	47	65·2	3·2

N.A. = Not available.

* Figures obtained from the annual epidemiological report, League of Nations Health Organisation, 1937, and "The Problem of Nutrition," vol. 4, League of Nations, 1937.

† Includes liquid and dried eggs.

and yet our general death-rate, infantile-mortality rate, puerperal mortality and deaths from tuberculosis compare unfavourably with those of some countries whose consumption of these protective foods is much lower than ours. I am driven to the conclusion that no great diminution in disease is to be expected along these lines nor by the indiscriminate consumption of glucose, orange juice, marmite and fish oil as is now the fashion.

But preventive pædiatrics, in the strict sense, has still much to do. The chief causes of death at pre-school and school ages are respiratory infections, tuberculosis, and some of the infectious fevers, especially measles, whooping-cough, and diphtheria. Against the three last of these, especially, ad hoc measures should be able to do much. Measles as a cause of death, though not necessarily of morbidity, should lose its terrors when convalescent serum becomes more generally available just as severe scarlatina has done since the introduction of anti-scarlatinal serum, and universal immunisation is capable of abolishing diphtheria if only people can be persuaded to adopt it: there is also something to be hoped for from the use of vaccines in whooping-cough. Deaths from tuberculosis, too, should become rare with improved housing, universal pasteurisation of milk and more careful protection of children from contact with tuberculous adults, while the new chemotherapy will help to lessen deaths from respiratory infections. Appendicitis is still the cause of many deaths in childhood, but the

prevention of these is surely a question of early diagnosis. Death from heart disease also should be rare when acute rheumatism becomes as uncommon in hospital patients as it is in private practice—and there seems no reason why this should not happen. Meanwhile it is a serious reflection on modern civilisation that violence is now one of the chief causes of death amongst children; but this annual massacre of the innocents, largely at the instance of the Moloch of speed, it is not within the power of pædiatrics to arrest.

I have already said that curative pædiatrics has, until quite recently, advanced but little in my day, but we have every reason to hope for better results in the future. The modern developments in chemotherapy especially are pregnant with immense possibilities and may well give us—have indeed already given us—the mastery over many different infections of childhood which have hitherto proved intractable. As the combined result, then, of more favourable conditions of life, of the wider application of preventive pædiatrics and of more potent means of cure it seems not too optimistic to look forward to a time, not so far in the future, when death from disease in childhood will be a comparatively rare event.

THE CHILD AND HIS ENVIRONMENT

But let no-one conclude from this that pædiatrics will soon have done its work and may cease to exist as a special branch of medicine. Health and the absence of organic disease are not synonymous and no experienced pædiatrist would regard the health of the child of today as entirely satisfactory. Children seem to suffer increasingly from functional disorders the result of nervous fatigue or over-excitability. A large proportion of those seen in our consulting-rooms are both neurotic and acidotic; they are restless, bad sleepers, and lacking in a healthy interest in food. Nowadays a mother will say, almost proudly, "my child suffers from acidosis" much as I have heard one say thirty years ago, "my child is a mass of uric acid." Pathological fashion, of course, plays a part in this, but even allowing for that there can be no doubt in my opinion that the type of digestive or metabolic disturbance which for convenience we call acidosis is much commoner than it was. To some degree I believe this to be the result of a change in food habits; to a greater consumption of the "liver" foods (fats, milk, cream, eggs, and oranges) and to a diminished consumption of carbohydrates, but it is probable that this is not the whole explanation. Nervous factors seem to play a part just as they do in migraine which is often the adult equivalent of the acidosis attacks of childhood. Nor are the causes of the nervous disturbances so common in the modern child far to seek. The physical environment as we have seen has improved enormously since the beginning of this century in most material respects but the psychical environment has in many ways deteriorated. It will be generally agreed that the conditions most favourable for a healthy and happy childhood are that the child should be brought up as one of a bunch in surroundings more or less stable and permanent, preferably in the country, and that it should not be over-stimulated mentally or emotionally nor receive too much parental attention. But what do we find? More and more the child of today is the only one of the family or at best one of two. It develops almost inevitably the characteristics of "only childism" with all its difficulties and negativisms. Gone is the happy-go-lucky fatalism of Victorian days. Parents having all their hopes centred in one or two children naturally tend to be over-anxious about them, and this anxiety is unconsciously communicated to the object of it. Such children are not spoilt in the ordinary sense of the term—they are over-studied. They are in the case of a plant which is being always taken up by the roots to see how it is growing.

As to surroundings, more children than ever are being brought up in large cities with their inevitable accompaniments of rush, excitement and noise; the motor, the cinema and the radio have much to answer for in this regard. Nor is modern education free from blame. It must be the experience of every pædiatrist that many children suffer from the strain of school life; not merely too many lessons and examinations but too strenuous a day's routine, and I think this cause of nervous strain tells specially upon children at day schools who have to live the double life of school and home. What the child of today seems to me to need is more neglect and the leisure to develop physically and mentally on his own lines without too much interference.

The importance of these considerations can hardly be exaggerated if it is true, as there is some reason to believe (Kermack et al. 1934) that health throughout life is to a large degree determined by the type of constitution built up in the first few years. If it be so, then the responsibility of pædiatrists is indeed great, but they cannot by themselves deal with those adverse mental and moral factors in the environment of which I have spoken. Such a task is not one for preventive pædiatrics as we now understand the term, it is one for the community as a whole. I wish I could feel hopeful that it will be discharged, but to grapple with it successfully involves a change of heart, of ideals, and of values of which there are few signs today. Yet not until we have improved the mental elements of the environment as we have improved or are improving the physical shall we be able to answer the question, "Is it well with the child?" with a confident, "Yes, it is well."

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AN OUTBREAK OF SONNE DYSENTERY

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Intestinal infection with the Sonne dysentery bacillus is now widely recognised in this country as a cause of acute enteritis in both children and adults, and many outbreaks have been described. Some of the bacteriological findings in the cases here recorded emphasise points in the epidemiology of the infection which are not generally appreciated or are even contrary to current doctrine.

CLINICAL FEATURES

The outbreak occurred in a residential school which was temporarily in use as a nursery for infants and young children. These were received from several nurseries which had to be evacuated, and unavoidably there was some overcrowding coupled with inadequate nursing facilities which greatly favoured the spread of infection. The worst cases were transferred either to the school infirmary or to a local hospital where there were several deaths. On Nov. 15, 1939, the remainder (19) of the then recognised cases were transferred to the North-Eastern Hospital where they were nursed in wards of 31 cots of which 11 were in glass chambers (5 single and 3 double), whilst the remaining 20 in the main ward were separated by glass partitions into 5 bays of 4 cots each. In addition to this subdivision into small groups all cases were strictly barrier-nursed with a view to eliminating any cross-infection from either the alimentary or respiratory tracts. Further cases were admitted up to Dec. 2, making a total of 32 cases altogether.

Course of the illness.—Apart from an initial rise of temperature reported from the school and varying from 98·8° F. to 104° F. (1 case) but averaging about 100° F., most of the patients were apyrexial throughout their illness. In the few instances where pyrexia occurred it was slight, of short duration and due to trivial causes such as dentition, intercurrent coryza or varicella. In 2 cases serious complications developed. In 1 mastoiditis supervened on a chronic otitis media;

mastoidectomy was performed with good results. The other patient developed appendicitis on the 59th day of convalescence. At operation a spreading peritonitis was found which proved fatal in four days. This was the only death in our series.

Intestinal infection.—Generally speaking the intestinal symptoms were not severe although in several cases there were periods of relapse characterised by very offensive yellow semi-formed stools. There was no relation between these periods of offensive stools and the presence or absence of the specific organism in the dejecta. The average number of stools was about three a day, and in no case was there any evidence of dehydration as a result of diarrhœa. The commonest type of stool was green, loose and offensive and contained mucus. A slightly higher proportion of the stools were alkaline than acid. Only 6 patients passed the typical dysenteric stools containing blood and mucus. In 4 of these no agglutinins were found in the blood. One patient did not exhibit any sign of intestinal disease as evidenced by abnormal stools; this child had *B. dysenteriæ* Sonne in both stool and rectal swab but failed to develop agglutinins. Vomiting was observed in 3 patients on one or two occasions only.

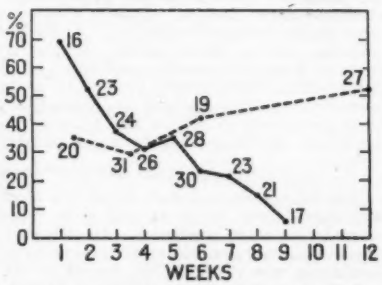
Infection of respiratory tract and ear.—Because it has been suggested that gastro-enteritis may be either a cause for or an effect of respiratory-tract disease attempts were made to ascertain if any such association existed in this outbreak of dysentery. *Rhinitis* was present on admission in 10 instances. In 3 of these cases there was some evidence of otitis media also. *Bronchitis* was present in 5 cases associated with chronic otitis media (1 case) and rhinitis (1 case). The bronchitis was mild and rapidly cleared up. All *drumheads* were examined at regular intervals, making a total of 256 examinations. The drums were found to be normal in 239 instances, reddened in 3, sheen lost in 4 and perforated in 10 instances. The departures from normal were all seen in 10 children and were made up as follows: reddened on one examination in each of 3 children; sheen lost on 2 examinations in each of 2 children; and perforation on 10 examinations in 5 children. Of these last 5 cases 2 had had previous perforations with otorrhœa. Thus gastro-enteritis of dysentery type seems in some degree to be a predisposing factor to secondary infections of the upper respiratory tract.

In order to find if any particular organism was prevalent in the upper air-passages associated with any particular group of symptoms swabs were taken on admission from the nose and nasopharynx and inoculated on to blood-agar plates. By far the commonest organism recovered from both sites was *Staphylococcus aureus*. Next in frequency was the hæmolytic streptococcus, which was found in the throats of 5 cases. All these strains on further examination proved to belong to Lancefield's group C and to Griffith's type 21, but there was little indication that they were responsible for any clinical infection.

BACTERIOLOGY

It was arranged on admission of the patients to the North-Eastern Hospital that a specimen of fæces and a rectal swab should be obtained for bacteriological examination from every patient twice weekly during the first two to three weeks and after that at weekly intervals until discharge. In all some 700 specimens were examined. Each fæcal specimen was inoculated on to one plate of MacConkey's lactose bile-salt agar, and after twenty-four hours' incubation non-lactose fermenting colonies—the large rough colony typical of the Sonne bacillus could usually be recognised naked-eye—were tested for slide-agglutination with the neat serum supplied by the Oxford Standards Laboratory. In most cases agglutination of colonies picked directly from the plates was obtained; of the others very few remained inagglutinable after the first subculture. For the rectal specimen an ordinary throat-swab with a small pledget of cotton-wool wound tightly round the roughened end was inserted, and enough fæcal material to colour the swab was obtained. The swab was rubbed on a corner of the MacConkey plate and the inoculum spread with a loop secundum artem. From the colony used for slide-agglutination a subculture was made on an agar-slope from which tubes of peptone water containing the appropriate sugar (lactose, glucose, mannitol and saccharose initially; later xylose and maltose) were inoculated for fermentation reactions and indole-formation. All strains fermented glucose and mannitol in twenty-four hours and lactose late (sometimes only after two or three weeks' incubation); all were indole-negative.

Convalescent carriers.—It is often stated that the bacteriological diagnosis of bacillary dysentery is difficult because the causal organism is present in the intestine only during the early acute phase of the infection and because it quickly dies out in fæcal specimens without preservative. Our experience in this outbreak directly contradicts these beliefs. The Sonne bacillus was isolated from all but 3 cases (90·6% positive), and it is doubtful if these 3 negative cases were really dysentery infections. Even if they are included the chart shows that the proportion of positive cases falls slowly—not abruptly—during convalescence; 1 case was still positive in the tenth week, and 1 in the twelfth week. This gradual rate of elimination of the infecting organism from the intestine brings Sonne dysentery into line with other bacterial infections, with the same danger to the community of the undetected (or uncontrolled) convalescent carrier. Associated with it is the practical point as to the number of consecutive negative examinations required before the patient should be released from hospital. In the present series of 29 positive cases, 10 patients (34·4%) had two or more consecutive negative examinations followed by one or more positives while 5 of them had 3 or more consecutive negative specimens over a period of three weeks, only to become positive again. That these late positive findings were due to reinfection seems unlikely, for all the patients were barrier-nursed and particular care was taken with their feeds. Our experience in previous years with "return" cases suggests that convalescent carriers of the Sonne bacillus are not infrequently released from hospital. Care must be taken by nursing staff that specimens sent for bacteriological examination in convalescence should not be constipated stools.



Convalescent carrier-rate and antibody-production in cases of Sonne dysentery. Continuous line, patients from whom *B. dysenteriæ* Sonne was isolated; dotted line, patients with agglutinins to *B. dysenteriæ* Sonne. The figures on the lines indicate the number of patients.

Viability in fæces.—Dysentery bacilli of the Flexner group die out quickly in fæcal specimens, and any delay in transit to the laboratory may prevent their isolation on culture media unless some preservative is used. The most popular of these is 30% glycerin in 0·6% saline in the proportion of 2 : 1 of preservative to fæces. Sachs (1939) found that even with glycerin-saline the results were poor, and he traced this to the acidity which develops in the preservative. He therefore recommended a glycerin-saline mixture buffered with Na_2HPO_4 to a final pH of 7·4. Compared with the Flexner group the Sonne dysentery bacillus seems to be a much hardier organism. For example, in 3 different fæcal specimens left standing on the bench at room temperature the Sonne bacillus remained viable for six, seven and eleven days respectively without the addition of any preservative. In other specimens the organisms died out after from twenty-four to forty-eight hours. The variation may depend on the reaction of the fæces. The rectal swab, on the other hand, quickly becomes dried up, and should therefore be inoculated on the culture medium as early as possible.

Fæces versus rectal swab.—It seemed of some practical importance to determine the relative merits of fæcal

specimen and rectal swab for the isolation of the Sonne bacillus. Fresh fæces is not always easy to obtain from young children, and the material sent to the laboratory is probably often scraped off the napkin. A rectal swab can be easily taken, and the only necessary precaution is that it be sent to the laboratory at once. If this is impossible, a little glycerin-saline or broth at the bottom of the containing tube would presumably act as a preservative, although we have not tested this point. Our figures were as follows:—

Findings	
Fæces and swab positive	36
Fæces negative, swab positive	34
Fæces positive, swab negative	9
Total fæces positive	45
Total swab positive	70
Grand total positive	79

They show that in this hospital series the rectal swab was definitely superior to the fæcal specimen although a few positive results were obtained with the fæces when the rectal swab was negative. Unrecorded analyses indicated that the rectal swab was better both in the acute and convalescent stages of the infection.

Xylose-fermentation.—Subdivision on the basis of fermentation reactions of an organism which is a specific entity, as the Sonne bacillus is, is not favoured in modern bacteriology, although there are examples in the salmonella group. Böjlen (1934) in his fine work on dysentery in Denmark tested 641 strains of the Sonne bacillus on a variety of sugars, and concluded that they could be divided into four groups according as they fermented xylose or not, or fermented maltose early or late. After subculture a number of strains which were late maltose-fermenters became early maltose-fermenters, but the fermentation of xylose, by 9·5% of all his strains, seemed to be a stable character. The subdivision into these four groups was closely correlated with epidemiological data, all the strains from any particular outbreak being either xylose-fermenters or non-xylose-fermenters, and so on. Because of his findings the strains from 24 cases in the present series were preserved in the cold as the first subculture, and tested later for their fermentation of xylose and maltose. All the strains fermented maltose early, and, rather surprisingly, all but 6 of them fermented xylose. Inquiries about the sources of the patients—different nurseries were kept in separate units at the residential school—disclosed the fact that all but 1 of the xylose-negative cases came from the same nursery, in which there was only 1 case with a xylose-fermenting strain and he was infected a full month after the others. The remaining xylose-negative case cropped up late in the outbreak in another small ward. Most of the xylose-positive strains were from patients in the nursery which bore the brunt of the epidemic; in it there were no cases infected with xylose-negative strains. Thus the findings indicated that there were two different strains concerned in this outbreak, and the epidemiological data suggested that xylose-fermentation may be a useful test for tracing the sources of Sonne dysentery.

There are few records of tests for xylose-fermentation in outbreaks in this country. Carter (1937) in an examination of 120 strains collected from various sources found only 4 (1·6%) which fermented xylose, while there were no xylose-fermenting strains isolated from an outbreak in a mental institution reported by Beck and Buckle (1939). Of 40 strains collected during the past few years by one of us (R. C.) from isolated cases or epidemic outbreaks, including 6 strains from the Luton epidemic in 1937, only 4—all from isolated cases—fermented xylose. Of these 1 was recovered from a technician in the laboratory at a time when material from dysentery cases was being received for examination. However, none of the Sonne strains isolated in the laboratory about that time fermented xylose, and it was therefore concluded that the technician's infection was not contracted in the laboratory.

SEROLOGY

While the detection of agglutinins in the patient's blood is not so often used in the diagnosis of dysentery as it is in enteric, a positive test may be valuable in establishing infection or tracing its source, and particularly so in young children in whom positive reactions do not readily occur in the absence of infection (Blacklock and Guthrie 1937). The diagnostic titre with the smooth Sonne suspension of the Oxford Standards Laboratory is 1 : 10. The sera of all our cases were tested in dilutions of 1 : 10 to 1 : 40 at ten-day intervals; cases admitted early were first tested in the second week of infection. In all 97 tests were done, an average of 3 apiece for the 32 patients, of whom 19 (59·3%*) reacted positively. The chart, in which the results from patients in weeks one and two; three and four; five, six and seven; and eight to sixteen after infection are pooled, shows that the proportion of positive reactions increased slightly as convalescence advanced.

The repeat tests brought out the interesting point that cases initially negative usually remained negative while the majority of positive cases were repeatedly positive. Thus the 13 negative cases had an average of 3 negative tests each over a period from the first to the twelfth week of infection—e.g., 1 patient had negative tests on the first, second, fourth and seventh weeks, and another on the second, fourth, seventh and twelfth weeks. No satisfactory explanation for this failure to produce agglutinins was obtained. Age was apparently not a factor, for 5 of 9 children under one year of age gave positive reactions, while 4 of the negative reactors were over two years of age. Severity of infection or persistence of the organisms in the intestine did not seem to be correlated with agglutinin formation, for all but 2 of the negative cases had typical symptoms usually associated with an initial rise of temperature while of the 2 cases quoted above with persistently negative Widal tests one had positive fæcal examinations from the second to eighth week and the other from the first to the fourth week. The absence of agglutinin formation in clinically typical and severe Sonne infections has been noted by other workers (MacGill and Downie 1932, Blacklock and Guthrie 1937).

SUMMARY

An intensive investigation of a small outbreak of Sonne dysentery brought out the following practical points.

1. By repeated examination of both fæcal specimen and rectal swab the Sonne bacillus can be isolated from most clinical cases. The rectal swab gives in hospital cases a much higher proportion of positive results than the fæcal specimen.

2. The Sonne bacillus persists in the intestine of a gradually decreasing proportion of cases after subsidence of the acute infection. Thus the convalescent carrier is probably an important reservoir for the spread of infection, and at least three consecutive negative reports should be obtained before a patient is released from hospital.

3. The Sonne bacillus is more resistant than other dysentery bacilli to external destructive agents, and may remain alive for days in fæcal specimens if no preservative is added.

4. The fermentation of xylose by certain strains of the Sonne bacillus is closely correlated with epidemiological data, and may thus be helpful in tracing the source or mode of spread of an epidemic.

5. The Widal reaction has some diagnostic value in Sonne dysentery, but a proportion of clinical cases fail entirely to produce any demonstrable agglutinin in the blood.

We wish to thank Mr. K. G. Prentis, laboratory assistant, who did the major part of the technical work.

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* If the 3 patients from whom the Sonne bacillus was never isolated are excluded the proportion of positives is 65·5%.

PORPHYRINURIA
IN A CASE OF INDUSTRIAL METHYL CHLORIDE POISONING

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It is now recognised that many drugs and industrial poisons may give rise to varying degrees of porphyrinuria. Thus the sulphonal group of drugs has for some time been associated with the development of porphyrinuria, but recently Rimington and Hemmings (1938, 1939) have reported increased excretion of urinary porphyrins after the administration of drugs of the sulphanilamide series and certain related nitro- and amino- compounds. Their results were based for the most part on animal experiments but comparable results were obtained in human subjects undergoing treatment with sulphanilamide. It was also observed that the tendency of a drug to cause porphyrinuria was associated with its ability to form methæmoglobin.

Rimington and Goldblatt (1940) have suggested that increased excretion of urinary porphyrins provides a means of selecting workmen showing hypersensitivity to nitro- and amino- bodies, and of deciding whether or not an affected worker may safely return to work. This type of porphyrinuria was attributable to disturbance of liver function, possibly associated with increased destruction of blood-pigment. The oxidised pigment is converted partially into porphyrin rather than bile-pigment, and Dobriner (1937) has actually isolated this pigment from the urine of many cases of liver dysfunction and has identified it as coproporphyrin series III. The other naturally occurring isomer, coproporphyrin series I, appears to be a by-product of hæmoglobin synthesis and bears a close relationship to the rate of erythropoiesis in the bone-marrow (Rimington 1938, Dobriner and Rhoads 1938).

Many workers have investigated the mode and sites of production and degradation of hæmoglobin, yet much of the story of pigment metabolism is still obscure. Evidence that the bone-marrow is the site of formation of hæmoglobin has been presented by Watson and Clarke (1937), who have found high concentrations of protoporphyrin in the reticulocytes and relatively small amounts in the mature erythrocytes. Grotepass (1937) has since identified this porphyrin as belonging to series III. The change from proto- to copro-porphyrin requires the substitution of propionic acid residues for two vinyl groups, and is theoretically possible by the addition of formic acid. This conversion has never been carried out in vitro; the claim of van den Bergh and his associates (1932) that the liver was responsible for the change has since been denied.

During the present investigation of a case of industrial methyl-chloride poisoning coproporphyrin series III has been found in large amounts both in the urine and fæces, the quantity decreasing with the disappearance of toxic symptoms. It is interesting to note that Watson (1937) found coproporphyrin series I in all specimens of fæces, even including those from cases of lead poisoning, where the urinary coproporphyrin was of the series-III configuration. In the urine only traces of protoporphyrin were found, but the amount in the fæces was considerable.

CASE-RECORD *

A refrigerator engineer, aged 38, was admitted to the Manchester Royal Infirmary on May 21, 1940, suffering from severe methyl-chloride poisoning. His earlier health had been good. By July 8 toxic symptoms had almost disappeared, and the patient was discharged from hospital. The patient showed the typical clinical picture described by American workers, with delirium, convulsions and tremor. His blood-count was normal throughout; hæmoglobin was 90% on admission and had risen to 100% when he was discharged; reticulocytes were 0·8% on admission and sternal puncture showed nothing abnormal in the cytology of the bone-marrow. Fragility of the erythrocytes was normal. A lævulose-tolerance test showed evidence of slight hepatic insufficiency, but there was no jaundice; the direct van den Bergh reaction was negative and the serum contained 0·6 unit of bilirubin. The Takata-Ara test was negative. There was no albuminuria and the urea-clearance test showed no impairment of renal efficiency (May 27). The urine was normal in colour, being rather cloudy; it did not darken on standing; it contained no bile and there was no increase in its urobilin content.

DETERMINATIONS OF PORPHYRINS

Specimens of urine were collected over 24 hours, and, after being acidified with glacial acetic acid were extracted with ether for 12 hours in continuous extractors. The addition of the acid was carried out in a ten-litre precipitating jar on account of the copious evolution of carbon dioxide from the heavily carbonated urine. The ether-soluble porphyrins were fractionated according to the method employed by Rimington and Hemmings (1939). The coproporphyrin was determined by means of a Hilger-Nutting spectrophotometer from the observed intensity of the 549 mμ band of the acid porphyrin spectrum. A solution of pure coproporphyrin I was found to have $E^{1\%}_{1\,cm.}$ (549 mμ) = 208,† which was taken as the basis of the determinations. Only traces of protoporphyrin, insufficient in amount for accurate quantitative determination, were present. The urine from which ether-soluble porphyrins had been extracted was subjected to chromatographic adsorption on alumina followed by elution with dilute ammonia. By this procedure only very small quantities of uroporphyrin could be detected and an examination of the corresponding fraction from the fæces gave no indication of the presence of this pigment. For a period of 12 days fæces were collected under acetone and the copro- and proto-porphyrins separated and determined spectrographically. Protoporphyrin figures are recorded on the assumption that this pigment has the same intensity of absorption as coproporphyrin. Both urinary and fæcal coproporphyrin samples were esterified and the methyl ester in each case was completely soluble in cold dry ether. After crystallising from ether-chloroform and removal of a brown oxidation product with 5% hydrochloric acid, characteristic crystals of coporporphyrin series-III methyl ester were obtained (fig. 1). The melting-point of the crystals was 145° C., remelt 165° C.

FÆCAL PORPHYRIN EXCRETION IN A CASE OF METHYL-CHLORIDE POISONING

Period of collection (days after admission)	Fresh wt. of stools (g.)	Fæcal coproporphyrin III (mg./day)	Fæcal protoporphyrin (mg./day)
23, 24, 25	254	4·0	1·3
26, 27, 28	374	2·48	1·4
29, 30, 31, 32	406	0·20	0·76
33, 34, 35	483	3·5	1·48

RESULTS

The data regarding porphyrin excretion in the case are presented in the table and shown graphically in fig. 2. A maximum value for urinary excretion of coproporphyrin III was recorded a week after admission and the quantity declined, with recurrent spasmodic increases from that time till about 40 days later, when the level was 40 μg. per day. The case is at once unusual because normally only traces of the series-III isomer are found, although up to 60 μg. coproporphyrin I are excreted daily in the urine, and 250–350 μg. in the fæces.

The fall in urinary excretion of coproporphyrin series III was associated with clinical improvement. It is

* A report of the case from the clinical aspect is being published elsewhere by Dr. A. Morgan Jones.

† $E^{1\%}_{1\,cm.}$ is the intensity of absorption, log. (I_0/I), for a 1 cm. layer of a 1% solution, where I_0 is the intensity of the incident light and I is the intensity of the transmitted light.

noteworthy that by the end of the first week, when excretion was at a maximum, hæmoglobin was 98% and red cells 5,020,000. Earlier specimens may have contained even more porphyrin, but the tests could not be carried out at the time. The figures for fæces were

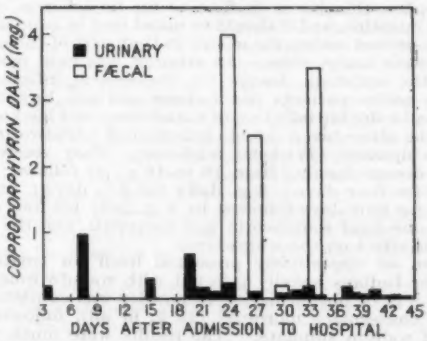


FIG. 2—Excretion of coproporphyrin III in a case of methyl-chloride poisoning.

remarkably high, even five weeks after admission to hospital.

DISCUSSION

A considerable number of cases of methyl-chloride poisoning have been reported in America, chiefly because of the widespread use of the gas in domestic refrigerators (Baker 1927, Kegel, McNally and Pope 1929). It has but a slight smell, and being difficult to detect it has caused many cases of poisoning, some of them fatal. Roth (1923) concludes that poisoning occurs by inhalation of large amounts of the gas, but in susceptible individuals ill effects may appear from the repeated inhalation of smaller quantities over a period of several days. Clinically the gas seems to have its greatest action on the respiratory and nervous systems, but it is possible that the toxic properties of the commercial material are due to some unidentified impurity.

The origin of the porphyrins in the case described here is of interest. There was little or no anæmia and tests showed neither excessive blood destruction nor an increased rate of blood regeneration. Moreover, hæmolytic anæmia is not characterised by excretion of coproporphyrin series III—for the series-I isomer was found in such cases by Watson (1937). Judged by the lævulose-tolerance test there was slight evidence of impaired hepatic function soon after admission: thus blood-sugar increased from 86 mg. to 118 mg. per 100 ml. during one hour after taking 50 g. lævulose, and remained as high as 109 mg. per 100 ml. after 2½ hours. The test figures were normal within a week. The Takata-Ara test was normal on the ninth day after admission, about the time when porphyrin excretion was at its maximum. Since there was no sign of hyperactivity of erythropoiesis it seemed more likely that some interference with hæmoglobin breakdown was the cause of the high excretion of porphyrins rather than an abnormal formation of pigment during hæmoglobin synthesis. Little is known regarding the manner in which methyl chloride upsets normal synthesis and degradation of hæmoglobin, but undoubtedly it is detoxicated by oxidation, probably in the liver, to formic acid and finally to carbonate, which appeared in abundance in the urine of the present case. Baker (1927) found that 18 out of 21 men intoxicated with methyl chloride were voiding alkaline urine. He also found traces of formates in proportion to the extent of the symptoms, and ammonium formate was detected before notable signs or symptoms of intoxication appeared.

It is possible that much of the irritation of the nervous system is due to sudden demands on the alkali reserve of the body as a result of the hydrochloric acid formed from the poison. Baker found that the administration of large doses of alkalis helped to alleviate symptoms after immediate removal from contact with the gas.

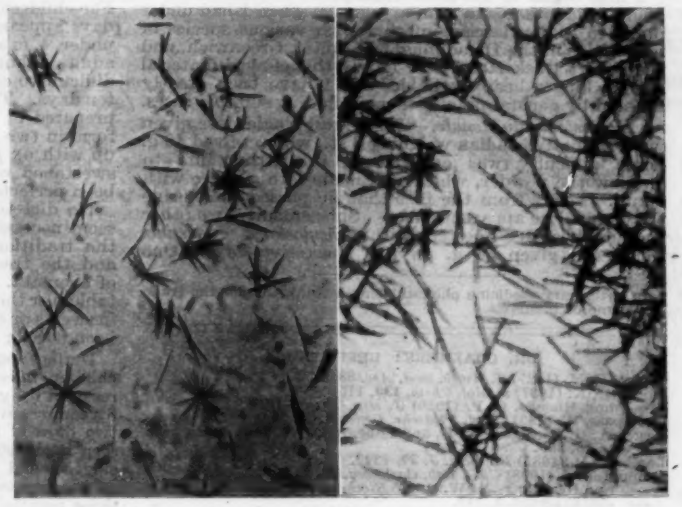
The acidosis produced by the breakdown and oxidation of methyl chloride to hydrochloric and formic acids may cause hæmoglobin breakdown to be diverted from its normal course. Normally bile-pigment is formed while iron and globin are still attached to the molecule (Lemberg 1935), and the hæmatin moiety suffers oxidative fission to give rise to biliverdin without going through a porphyrin stage. However, iron is readily removable by dilute acids and it is possible that the acids liberated in the liver and spleen are responsible for the removal of iron from some of the erythrocytes undergoing destruction in the reticulo-endothelial system. The less reactive protoporphyrin series III nucleus is formed, and, after breaking away from the globulin residue, is excreted as coproporphyrin in the fæces. For the change from proto- to copro-porphyrin, theoretical addition of one molecule of formic acid to the vinyl group is required. It is attractive to consider that formic acid derived from methyl chloride played a rôle in this conversion, but sufficient data concerning this action are lacking. Indeed, one can no more than speculate as to the origin of the porphyrins excreted in this case, but the large quantity found in relationship to methyl-chloride poisoning seems well worthy of note.

Urine from three asymptomatic refrigerator engineers (colleagues of the patient) has also been examined, but no excess of ether-soluble porphyrins was detected.

SUMMARY

The occurrence of large amounts of porphyrins in excreta of a case of industrial methyl-chloride poisoning is described. The effects of methyl-chloride poisoning appear to resemble those produced by certain nitro- and amino-compounds, as well as drugs of the sulphanilamide group which probably act on the liver, interfering with normal breakdown of hæmoglobin.

Our thanks are due to Dr. J. F. Wilkinson for facilities given for this study, to Dr. C. Rimington for supplying a standard solution of coproporphyrin, and to Dr. A. H. Holmes under whose care the patient remained while in the infirmary.



URINE FÆCES

FIG. 1—Crystalline coproporphyrin III methyl ester from urine and fæces of a case of methyl-chloride poisoning. The rosettes are highly characteristic of this compound. (× 400.)

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PHENOTHIAZINE AS AN ANTHELMINTHIC IN THREADWORM AND ROUNDWORM INFECTIONS

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Phenothiazine (thiodiphenyl-amine) is a thiazine dye and the parent of a large number of these substances, including thionol, Lauth's violet and methylene blue. It is a fine, smooth, pale lemon-yellow powder, almost insoluble in water and almost tasteless, and melting sharply at 180° C. It was first prepared by Bernthsen in 1885, but no evidence of its parasiticidal properties was obtained until 1934, when Campbell and his colleagues reported on its toxicity for culicine larvæ. As the result of a report of Knipling (1938) on the efficiency of the dye in preventing the development of horn-fly larvæ in the fæces of cattle a trial was carried out by Taylor and Sanderson on pigs infected with ascaris at the veterinary laboratory of the Ministry of Agriculture, but no definite conclusions were arrived at. In 1939 the dye was found in Australia and Canada to be effective against strongyloid worms in sheep, and this was afterwards confirmed by Taylor and Sanderson (1940) for the Agricultural Research Council.*

Phenothiazine is highly effective against the strongyloids in the large intestines of animals, and is also toxic to stomach worms associated with parasitic gastritis, but it is less efficient in the small intestine. Domestic animals in general are remarkably tolerant to the drug, and there is a great difference between the therapeutic and toxic dose. Two sheep and a goat, as reported by Taylor and Sanderson, were dosed with eighty times the effective anthelminthic dose without any signs of intoxication. Repeated small doses are, however, considerably more toxic than occasional large ones. In animals a total dosage of 0·5 gramme per pound body-weight is safe, and on this basis a man of 12 st. could safely be given up to 84 g., but dosage of this magnitude is unnecessary. The dye is mostly excreted in the urine, which is tinged red 20–30 minutes after its administration; it has been shown to act as a urinary antiseptic (Thomas et al. 1938, de Eds et al. 1939).

EFFECT ON HOOKWORMS, ROUNDWORMS, AND WHIPWORMS

I first began to use phenothiazine in the treatment of helminthic diseases in man a year ago when I had under my care Indian lascars infested with various species of nematodes in the Dreadnought Hospital, Greenwich, and the Albert Dock Hospital. Lately this clinical material has no longer been available, but I have been greatly assisted by general practitioners in finding suitable cases.

Ancylostoma duodenale.—The largest single dose given was to a native Indian weighing 8 st., who received 40 g. Some difficulty was experienced in getting him to swallow the powder, which was made into a paste with syrup. Apart from the fact that he passed pink urine the dye had no apparent effect. Subsequently two other Indians heavily infested with *Ancylostoma duodenale* were each given 30 g. on two successive days. One passed 8 dead worms, but in the second there was no result. In both patients no hookworm eggs could be found in the fæces for three days after the last dose of phenothiazine, but they then reappeared; subsequent treatment with oil of chenopodium and carbon tetrachloride removed the worms. It therefore seems clear that phenothiazine is ineffective for hookworms in the small intestine, and it should be noted that in animals also it has proved useless for worms in that part of the gut.

Ascaris lumbricoides.—An attempt was next made to find the optimum dosage for roundworm infection in seven native patients (six Indians and one Egyptian); five had a double infection of roundworm and hookworm, and the other two a double infection of roundworm and the whipworm (*Trichuris trichiura*). They received a total dosage ranging from 16 to 48 g., as follows: 4 g. daily for four days; 6 g. daily for five days; or 4 g. daily for four days followed by 8 g. daily for four days. Only one dead roundworm was recovered, and the drug had no effect on the whipworms.

Soon an opportunity presented itself for treating 2 further Indians heavily infected with roundworms. In these 8 g. of phenothiazine in powder was exhibited on three consecutive mornings (24 g. in all), followed by ℥ss of sodium sulphate. The results were much more satisfactory.

Case 1.—Multiple infection with roundworms, hookworms, whipworms, and threadworms (egg-count: roundworm 314, hookworm 63, whipworm 20 eggs per 1 c.cm. of fæces). After the second dose 9 dead roundworms (8 females and 1 male) and 21 dead threadworms were passed. The first 4 roundworms which appeared were stained bright red. Another female roundworm was passed after the third dose. On subsequent fæcal examination roundworm ova were absent, but hookworm and whipworm eggs were undiminished in number; treatment with oil of chenopodium and carbon tetrachloride produced 53 dead hookworms.

Case 2.—Heavy infection with roundworms (egg-count 350 eggs per 1 c.cm. of fæces). After the second dose 10 males and 2 females were passed dead, of which the first 5 were stained red. On subsequent examinations ova were absent from the fæces.

In neither of these cases were any toxic symptoms noted. The urine was stained pink 20 mins. after the first dose, and remained so until two days after cessation of treatment.

EFFECT ON THREADWORMS

Therapeutic trials have been carried out on *Oxyuris vermicularis* infections, and, especially in children, phenothiazine has given consistently satisfactory results. Smaller doses are required than in roundworm infections. For children under 8 years a dose of 2 g. daily for seven days appears to be sufficient, and half this for children under 4 (about 0·17 g. per pound body-weight). For adults of both sexes, in whom threadworms are as a rule difficult to eradicate, the dose is 4–8 g. daily for seven to ten days. To facilitate administration, the drug has been prepared by Imperial Chemical Industries Ltd. in tablet form in two strengths, containing 0·5 g. and 1 g., made up with ox bile. More recently a granular preparation sweetened with limejuice and suitable for children has been perfected.

No dietetic restrictions are required, and it does not seem necessary to give aperients. There is no need for the traditional cotton gloves and mercurial ointment, and the treatment does away with the unpleasantness of enemata. The drug is almost tasteless, and either the tablets or the granular preparation can easily be concealed in sweets or chocolate. No disagreeable after-effects have been noted; one child had a slight rise of temperature.

During August, 1940, phenothiazine was given to four children infected with threadworms. A boy aged 4 years received 0·5 g. daily for seven days, and three girls aged 7 or 8 years received 1 g. daily for seven days. During the first two days of treatment numerous active threadworms were seen in the stools. On the third day many were seen to be sluggish and the remainder dead; some were stained red. In three cases no more worms have since been seen during three months' observation. In the fourth case, a boy who received the smaller dose, there was a relapse, but a course of 1 g. daily for seven days produced a permanent cure.

In a family infected with threadworms the father and mother had been infected for at least six years. Quassia

* In veterinary medicine phenothiazine is known under the trade name of Phenovis.

DR. CHALMERS: REFERENCES

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irrigations, santonin, beta-naphthol and hexylresorcinol had been tried without avail. The father (aged 44) and mother (aged 39) received 2 g. of phenothiazine daily for five days; the daughter (aged 7) received 1 g. daily for five days; and the son (aged 4) received 0 5 g. daily for five days. A drachm of sodium sulphate was given after each dose of phenothiazine. A cure was effected in all except the father, who relapsed, but he was subsequently cured by a course of 4 g. daily. It seems clear that a daily dose of 2 g. is sometimes too small for adults.

A man of 47, complaining of loss of weight, mental irritability and anal itching, was found to have a heavy infection with oxyuris in September, 1940. He was given 4 g. of phenothiazine daily for four days. After the third dose dead worms were found in the fæces, and he continued to pass them for the next two days; at the same time the anal itching ceased. After a week some more live worms were seen and the course was repeated, with an apparently permanent result.

From this brief experience in adults it appears that doses of 4 g. are inadequate, and that in future 8 g. daily should be given for not less than five days, as in ascaris infections.

More reliable information about the effects of phenothiazine on threadworms has been obtained by Dr. G. M. Vevers from the treatment of a young gorilla at the Zoo.

This animal was heavily infested with ancylostomes, œsophagostomum and threadworms. It was given 0 3 g. of phenothiazine on the three successive days, March 13–15, 1940. As a result 18 œsophagostomum worms were passed in a dead or dying condition with an unspecified number of threadworms. The gorilla died on May 14, and at the autopsy, done by Col. A. E. Hamerton, no œsophagostomums or threadworms were found in the intestinal canal, though large numbers of ancylostomes were present and had undoubtedly caused the animal's death.

The larger apes, besides harbouring many of the intestinal parasites common in man, react in the same way to anthelminthics, so that the effectiveness of these comparatively small doses of phenothiazine in the gorilla are significant.

SUMMARY

Phenothiazine, a thiazine dye, has been shown to be effective against culicine larvæ, against strongyloid worms in sheep, and against stomach worms in animals. It is excreted in the urine and acts as a urinary antiseptic.

Three Indian lascars infested with *Ancylostoma duodenale* were given phenothiazine in doses ranging from 30–40 g. but the results suggest that the drug is ineffective for worms in the small intestine; similar results have been found in animals.

Nine patients with ascaris lumbricoides were treated; five had a double infection with roundworms and hookworms and two a double infection with roundworms and whipworms. These seven patients were given total doses ranging from 16 to 48 g. Only one roundworm was recovered and the whipworms were unaffected. Of the remaining two patients, one had a multiple infection with roundworms, hookworms, whipworms, and threadworms, the other had roundworms only. They were given 8 g. daily for three days, followed by a dose of sodium sulphate, and results were more satisfactory, all the roundworms being removed.

Phenothiazine has given good and permanent results in the treatment of threadworm infections, especially in children. Effects on six children and three adults are recorded; all were cured, though three (one child and two adults) required a second course. The following doses are advised: 2 grammes daily for seven days for children under 8, and half the dose for children under 4; 8 grammes daily for at least five days for adults.

I am indebted to Dr. Geoffrey Lapage of the Institute of Animal Pathology, Cambridge, and to Dr. E. L. Taylor of the Veterinary Laboratory, Cambridge, for their help; to Dr. A. Winder of Westerham, and Dr. C. A. Lupton of Farnborough for records of private cases; to my house-physicians Dr. B. Freedman and Dr. S. W. Hinds; and to Mr. A. H. Walters, technical assistant. The Agricultural Research Council and Dr. C. M. Scott of Imperial Chemical Industries, Ltd. kindly supplied me with phenothiazine.

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VOLVULUS OF THE INTESTINE WITH INTERTWINING LOOPS

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VOLVULUS leading to the intertwining of two loops of bowel is much rarer than volvulus due to twisting of the bowel about its mesenteric axis. Entanglements of the kind are most often found between the sigmoid colon and a loop of terminal ileum; they are more rare between two loops of small intestine, and rarest between the cæcum and a loop of small bowel.

CASE REPORT

A woman aged 50 was admitted to hospital with excruciating colicky abdominal pain which had started suddenly at 4 A.M., and was felt diffusely in the abdomen and in the back. She felt a desire to relieve it by passing a stool, but could not even expel flatus. She had vomited once that morning. She had had a somewhat similar attack three years before, which had ceased spontaneously.

FIG. 1—Omega loop, showing waves of peristalsis through abdominal wall.

The abdomen was distended centrally by the outline of an omega-shaped loop, showing waves of peristalsis, and rising from the pelvis (fig. 1). The abdomen was soft and not tender. The rectum was empty. The patient had a good pulse (66), and a subnormal temperature (97·6° F.). The condition was diagnosed as volvulus of the sigmoid colon, and operation was performed under spinal anæsthesia. The peritoneal cavity contained bloodstained exudate and what looked at first sight like a volvulus of the sigmoid colon. The sigmoid loop, about 2 feet long, was plum-covered owing to strangulation, and its mesentery was thick with extravasated blood and serum. Rotation of the loop did not relieve the strangulation, and a closer inspection showed that the sigmoid colon (fig. 2A) was strangulated by a loop of small bowel (fig. 2C) wound tightly round its base. Coils of small intestine, about 2 ft. long, and also plum-coloured from strangulation, were seen to the left of the sigmoid (fig. 2B). The two loops of strangulated bowel were separated by the rest of the small intestine with its mesentery (fig. 2D); this part of the small intestine was not strangulated. Immediately to the left of the coil of ileum encircling the sigmoid loop there was an arch (fig. 2E) formed by the mesentery of the unaffected portion of the small intestine, and this arch was also tightly compressing both the strangulated loops of bowel. When a finger had been placed under this arch the loop of ileum encircling the sigmoid was seen to be continuous with the loop of strangulated ileum. By lifting the arch of mesentery it was possible to reduce the strangulated

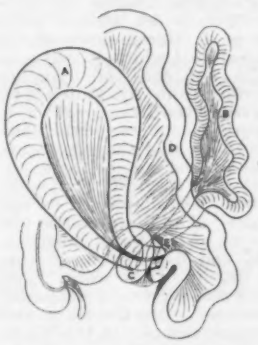


FIG. 2—Condition found at time of operation. A, sigmoid loop. B, strangulated loop of ileum. C, loop of ileum encircling base of sigmoid. D, normal portion of small intestine. E, arch of mesentery strangulating bowel.

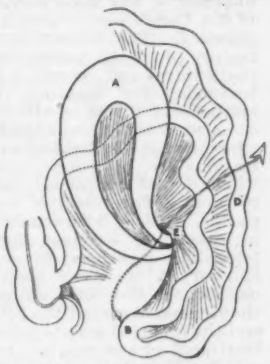


FIG. 3—Condition found when the strangulated loop of ileum had been reduced from under the strangulating arch of the mesentery. Arrow shows path taken by ileal loop.

loop of ileum from the left to the right under the arch. After that the sigmoid was relieved of the loop of ileum which encircled it, and the loop of ileum was relieved of the arching mesentery which was strangulating it (fig. 3). It was now easy to lift the mesentery of the small bowel and replace the sigmoid colon in its normal position on the left side of it. After the relief of strangulation, the loops of bowel retained their plum-colour and the hæmorrhagic effusions into their mesenteries. Resection was considered, even though the bowel was viable, as a safeguard against the profound shock likely to result from release of strangulation of these long loops of bowel. It was decided however, to leave well alone and the abdomen was closed.

Soon after the operation the patient was comfortable with a good pulse (96). Half a pint of normal saline was given intravenously, and also an injection of anti-gas-gangrene serum. Four hours after operation she had a pulse of 140, and two hours later the pulse was almost imperceptible at the wrist, and she was restless, cold and bathed in a clammy sweat; 200 c.cm. of 10% sodium chloride solution was given intravenously, followed immediately by a pint of glucose saline intravenously. The pulse improved, the patient became warm again, her bowels moved three times, and she went to sleep. From that time on she made an uninterrupted recovery.

COMMENTARY

This patient had an unduly long loop of sigmoid colon with a narrow base which could easily have given rise to the more usual type of volvulus from twisting of the bowel about its mesenteric axis. Possibly her previous attack was due to a partial axial twist of the sigmoid colon which had corrected itself spontaneously. In the present attack the sigmoid colon must have swung to the right and a loop of the ileum descending in front of it (fig. 3) must have passed round the sigmoid loop at its base and under the arch of the mesentery of the small bowel. By this time there would be a coil of ileum tightly encircling the sigmoid and the arch of mesentery would now be pressing on the loop of ileum which had passed under it to the left, producing the condition found at operation.

Reviews of Books

Malignant Disease and its Treatment by Radium

By STANFORD CADE, F.R.C.S., surgeon to the Westminster Hospital, Mount Vernon Hospital and the Radium Institute. Bristol: John Wright and Sons. Pp. 1280. 75*s*.

THIS important textbook begins with two sections on radium, discussing the physics, the biological effects of radiation on normal and malignant tissues, and methods of applying radium in the treatment of malignant disease. The first chapter is on conventional lines, but there follow three chapters—radium teletherapy by H. T. Flint, radium dosimetry by C. W. Wilson, and the measurement of radium plaques by L. H. Gray—which are exceptionally good. The last is an example of how a chapter describing a scientific method should be written—clear, concise and complete. The author writes of radiosensitivity and radiation effects, summarising effectively much of the experimental work from European and American sources, though little of the work which has appeared in the last three years is mentioned. The clinical studies of radium reaction, particularly of excessive reactions frankly described as radium burns, merit careful study, but most therapists would hesitate to accept the statement that the total lymphocyte count may be allowed to fall to under 50 without danger to the patient.

Part 3 is a long study of malignant disease and its treatment and illustrates the difficulty of combining a clinical and pathological discussion on cancer as a whole with detailed descriptions of one method of treatment. Cancer in most of the common sites is included whether radium can profitably be used for its treatment or not. As a result, space is given to information which could be obtained in any good surgical textbook, and the details of Mr. Cade's own interesting original methods are overcrowded. The clinical descriptions are always satisfactory, but the pathology is at times unnecessarily elementary, and accepts a good deal which is still controversial—for instance, the existence of lymphoepithelioma. The results quoted from Mr. Cade's own cases show that the methods described have great value when used in the light of experience. Some of the illustrations are, however, unfortunate, and show implants which do not appear adequate for the cure of the lesion pictured. The chapter on the cervical lymphatic glands, good as it is, would have been improved by the inclusion of survival figures. The importance of teleradium treatment for cancer of the tonsil, pharynx and larynx is clearly shown, and descriptions of this method are the outstanding feature of the work. The chapters on cancer of the breast and uterus are adequate, and the reported results satisfactory. Much work on the treatment of sarcoma has been carried out at the Westminster Hospital, so that this account of the methods used is welcome. Some striking results are shown, but the impression that osteogenic sarcoma is an intractable disease remains.

The book is so large as to be difficult to handle, but it is well produced and illustrated.

Practical Bedside Diagnosis and Treatment

By HENRY JOACHIM, M.D., F.A.C.P., chief-of-medicine, Israel-Zion and Beth Moses Hospitals, New York. London: Baillière, Tindall and Cox. Pp. 834. 41*s*.

"EXPERIENCE is living in the past and in medicine constitutes correct diagnostic memories with a rectification of errors of the past and an attempt to avoid a recurrence of a previously faulty conclusion." That rather awkward statement expresses clearly enough Dr. Joachim's purpose in writing this book. After thirty-five years in the practice and teaching of medicine his attitude is frankly empirical. Diagnosis has to be learnt, and the ultimate aim of diagnosis is treatment; both are grounded very largely on experience. This volume is a statement of what Dr. Joachim has learnt. It covers most of general medicine, with some of the border-country between medicine and surgery. It is written in a dry clipped style, close-packed and full of detail, but lacking light and shade. Its viewpoint is almost purely clinical; the laboratory is a secondary diagnostic adjuvant. Not only what usually happens but also what can occasionally happen in every disease discussed is patiently set forth. The book abounds in eponymous signs and symptoms. It reads as though Dr. Joachim's claim to have written of little except what he has seen is well founded, but here and there he seems to have copied mistakes from the textbooks, as when he says without qualification that the spleen is palpable in Weil's disease. In places he is scarcely up to date. We may forgive him for sharing the early American reluctance to recognise the full virtues of sulphanilamide and sulphapyridine, but we are surprised at his caution in allowing of psittacosis merely that "it is probably due to a virus." Medicine does not appear in these pages as a synthesis of applied science—physiology and pathology—with clinical observation. For that reason, and also because of the monotonous evenness of presentation—like walking through miles of fir-trees—we should not recommend Dr. Joachim to the medical student, or for steady reading: but to the house-physician and his seniors, as a book of reference and a storehouse of clinical reminders, he should be very valuable.

War-time Nurse

Edited by J. M. MACKINTOSH, M.D., D.P.H., chief medical officer, the Department of Health for Scotland. Edinburgh: Oliver and Boyd. Pp. 242. 5*s*.

DISTINGUISHED members of the medical and nursing professions have contributed short articles to a collection published in this small book. The advice given throughout is essentially practical, sensible and up to date. Miss Margaret C. Marshall's contribution to the article entitled "The New Nurse" should be carefully read and thoroughly digested by every probationer. Especially timely is Miss Catherine A. Macdonald's article on the nursing of burned patients. Things have reached a pretty pass when an article on midwifery must embody advice on air-raid precautions and how to protect the newly born against the effects of poison gas but Dr. Charlotte A. Douglas writes nonchalantly of such matters, accepting them as a matter of course.

THE LANCET

LONDON: SATURDAY, DECEMBER 28, 1940

FORETELLING BREAKDOWN

It is easy to maintain that the psychiatrist is better fitted than anyone else to select stable recruits but more difficult to demonstrate that he can do it well. DESMOND CURRAN and W. P. MALLINSON [1] point out that the economical use of man-power is increasingly important and consider that it should be the responsibility of psychiatrists not only to reject recruits who are liable to break down or prove ineffective but to ensure that these men are put in positions suited to their capacity. They have sought indications on which rejection could be based and they plead for administrative changes which will enable the psychiatrist to place the misfits. If he is to predict he must have criteria; if he is to allocate jobs must be available; and if he is to do either well he must know what will be required of his man in the fighting services, in agriculture or in industry. CURRAN and MALLINSON showed that among 100 neurotic sailors in hospital more than a third might have been spotted at the outset as liable to break down; and that these 100 men were more heavily loaded with psychopathic family history than a control group (45% as compared with 12%). Their findings should be useful to medical boards, especially if effect can be given to their plea for detailed psychiatric examination of men recognised, from initial history and psychological tests, to be doubtfully suitable. Medical boards presumably often reject men with some of the physical disabilities which CURRAN and MALLINSON list (arteriosclerosis, high blood-pressure, neurosyphilis) even when there is no evidence of mental disorder; but they will seldom be able to predict that minor affections—like defective vision or influenza—will cause a breakdown, unless other psychopathic criteria are present in such abundance as to justify rejection in any case.

The crux of the matter seems to be that you cannot reject all doubtful cases without also rejecting a relatively small number of men who are suitable as judged by their subsequent record. If the number of unsuitable men is high this loss is justified and even necessary, especially if pensions and other economic points must be considered. But it is doubtful whether our present knowledge justifies the drastic policy of rejecting all potential cases of neurotic breakdown at the stage of initial examination. CURRAN and MALLINSON advocate a more cautious policy: examine more carefully at this stage and eliminate the obviously unsuitable, some of whom still slip through; then watch the recruits during training—an admirable test for psychiatric invalids—and pick out the unsatisfactory ones as early as possible. Some of these will be brands to be plucked from the burning rather than Oedipuses to be cast out on the hillside. Skilled and tactful handling can make many of them into efficient members of a fighting service or fit for national work of some other kind. It must be borne in mind that a play-for-safety attitude in the doctor will favour the development of neurotic incapacity in the patients. The incentives to neurosis must not be increased by making it a well-known and respectable method of avoiding war or work; nor because there is no sign of this contagion at present must it be regarded as a negligible risk.

Rejection for military service should not mean that a man is left to find employment, irrespective of his own capacity and his country's needs. There is work here for the administrator who, with psychiatric and other medical advice, could plan suitable opportunities. Without such planning the psychiatrist can only tinker; with it he can both repair and prevent incapacity. Rehabilitation is only one element in a social scheme which should embrace a man's initial examination and placement, his treatment if he develops disability, his allocation (after breakdown or threat of breakdown) to appropriate military or civilian work and—if we can look so far—his incorporation in post-war society.

1. *Lancet*, Dec. 14, 1940, p. 738.

ALCOHOL, ANÆSTHESIA AND INFECTION

MANY experiments on animals have been done to show that acute alcoholic intoxication increases susceptibility to infection but few attempts have been made to explain the phenomenon. The pneumococcus has proved useful as a test organism in such experiments, and STILLMAN'S [1] work on inhalation-infection of alcoholised mice may be quoted as an example. He found that only 3% of normal mice exposed to a dense spray of pneumococci died of infection, compared with 40% of intoxicated animals. The only factor discovered in explanation of the increased susceptibility was that in the alcoholised mice removal of the inspired pneumococci from the lungs was delayed and blood-stream invasion was thus favoured. In partially immunised mice pneumonic lesions developed in a proportion of the alcoholised animals. An explanation of this depressant action of alcohol on the immunity-mechanism has lately been afforded by PICKRELL.[2] Using rabbits and the intradermal method of infection, PICKRELL found that immunised animals kept in a stuporose condition by the administration of 40 c.cm. of 20% ethyl alcohol by stomach-tube could be readily infected by the pneumococcus. These rabbits gave a positive blood-culture 9–10 hours after infection and died within 24 hours; control non-immunised and intoxicated non-immune animals developed bacteriæmia in 4 hours and died within 18 hours. The main difference between the normal and intoxicated rabbits lay in the character of the local reaction. Whereas large œdematous inflammatory lesions tracking bellywards developed in the normal animals, no macroscopic lesion was to be seen in the intoxicated beasts. When the skin was examined microscopically, in contrast to the dense leucocytic infiltration in the controls, there was hardly any emigration of leucocytes in the alcoholised animals, while bacteria were present locally in enormous masses. Similar results were obtained in animals kept under ether and Avertin anæsthesia. Other experiments proved that alcoholic intoxication does not impair the phagocytic activity or the motility

1. Stillman, E. G. *J. exp. Med.* 1924, **40**, 353. Stillman and Branch, A. *Ibid*, 1931, **54**, 623.
2. Pickrell, K. L. *Bull. Johns Hopk. Hosp.* 1938, **63**, 238; *Anesth. & Analges.* Sept.–Oct. 1940, p. 272.

of the leucocytes or the "clearing" mechanism of the reticulo-endothelial system, and the loss of immunity was apparently due to the failure of the leucocytes to emigrate from the capillaries. It is not stated whether or not there was an intravascular leucocytosis, but there was no leucopenia.

The factor responsible for increased capillary permeability and leucocytic emigration in inflammation has been much studied by MENKIN who was able to isolate from inflammatory exudates a substance, "leukotaxine," which has a strong chemotactic action on polymorphonuclear leucocytes and which appears to be a polypeptide. DUTHIE and CHAIN [3] have shown that a polypeptide with similar properties can be obtained from peptic hydrolysates of blood fibrin and other proteins. Is it possible that alcohol and other anæsthetics interfere with the production or activity of this leukotaxine?

What are the practical implications? The danger of long narcosis in infected patients and the increased susceptibility of the intoxicated person to infection are at once suggested. It seems likely, too, that we have here an important factor in the genesis of post-operative pneumonia. FEATHERSTONE,[4] in an exhaustive analysis of the causes predisposing to this complication exonerated any particular form of anæsthetic or anæsthesia but showed that previous lung infection, the winter months and coincident epidemics, inhalation of infective material and possibly vitiated air were contributory factors. The condition was found to be most common after upper abdominal operations, possibly because reflex relaxation of the diaphragm allows a partial collapse of the lower lobes of the lungs. At that time local anæsthesia was not so much used, and it would be interesting to know if a local anæsthetic has any inhibitory effect on leucocytic emigration. Chest-surgeons are convinced that its use has lessened the risk of a flare-up of a tuberculous lung-lesion or of a secondary septic infection. And what of the chronic alcoholic? The carefully compiled statistics of CAPPS and COLEMAN [5] showed that in the same age-groups the fatality-rate from pneumonia was higher in the moderate drinker than in the abstainer, and higher still in the heavy drinker (the percentages in groups aged 30–39 years were 18·4, 29·1 and 42·5). There are indications, too, that the chronic alcoholic is more likely to catch pneumonia than is the normal person. What is the explanation? Is his immunity mechanism also upset and does he fail to develop a leucocytosis in response to infection? How do the alcoholic's tissues heal after operation? There are obvious opportunities for clinical research to see how far PICKRELL's animal experiments are applicable to human maladies.

OPHTHALMOPLEGIC MIGRAINE

THE association of ophthalmoplegic migraine with congenital aneurysms of the basal cerebral vessels has been recognised for some years. C. P. SYMONDS [6] described a case of ophthalmoplegic migraine terminating in a subarachnoid hæmorrhage in which a berry aneurysm at the junction of the internal carotid and posterior communicating arteries was found at autopsy. Since then several such cases have been recorded and the evidence suggests that many patients who complain of an intermittent unilateral headache associated with recurring oculomotor palsies have such an aneurysm on the circle of Willis or one of its branches. These aneurysms are often multiple, much more common than is generally supposed, and sometimes do not give rise to any symptoms at all. They are associated with a defect in the tunica media at the bifurcation of vessels and this can be found in arteries elsewhere in the body as well as in the cranium.[7] A. J. ADIE [8] noted that migraine is sometimes complicated by permanent homonymous hemianopia and other hemi-defects, usually on the left side, and that these permanent plegias may appear after an attack of migraine, after an unexplained loss of consciousness, or after some attack unlike either of these, such as a bout of dizziness. Patients with an exactly similar history of migraine with anomalous attacks and permanent palsies might, he found, have subarachnoid hæmorrhages, and in these he was prepared to diagnose the presence of a congenital cerebral aneurysm forthwith.

Ophthalmoplegic migraine due to aneurysm may mimic simple migraine for many years. The usual history encountered is that the subject, having complained of intermittent unilateral headaches of a migrainous type for some years, begins to notice that with the attacks of headache there is now ptosis, usually on the same side as the headache, or perhaps a diplopia or squint, or more than likely both. Each attack betokens oozing from the leaky vessel. Migraine from this cause usually begins earlier in life than does simple migraine and there is not such a clear-cut hereditary factor. After several attacks of oculomotor palsy which resolve, the paresis becomes more serious and ultimately permanent; some of the patients die of subarachnoid hæmorrhage. Any of the oculomotor nerves may be affected, and involvement of their central connexions has also been described, but the third cranial nerve is by far the most often attacked. A. J. ELLIOTT,[9] who has just described another example of the condition, discusses its ætiology. The suggestion that it is due to a transitory swelling of the pituitary body allied to angioneurotic œdema is ingenious, but has no evidence to support it. A similar mechanism was suggested by A. P. THOMPSON [10] to explain simple menstrual migraine in women; the migrainous attacks in such cases commonly cease during pregnancy so that there are grounds for supposing that the headaches occurring at the menses are associated with the œstrous cycle; and it is not inconceivable that they are evoked by transient enlargement of the active pituitary and tension in the sella turcica.

J. R. GRAHAM and A. G. WOLFF postulate [11] that the early phenomena of a simple migrainous attack—such as the scintillating scotoma, the monoplegias and the sensory changes—may be due to initial spasm of certain cerebral arteries; and they have demonstrated arterial dilatation of branches of the external carotid during attacks. This fits well with the opinion of ADIE who pointed out that cases of various types

3. Duthie, E. S. and Chain, E. *Brit. J. exp. Path.* 1939, **20**, 417.
4. Featherstone, H. *Brit. J. Surg.* 1924–25, **12**, 487.
5. Capps, C. A., Coleman, G. H. *J. Amer. med. Ass.* 1923, **80**, 750.
6. *Guy's Hosp. Rep.* April, 1923.
7. Nevin, S. and Williams, D. *Lancet*, 1937, **2**, 955.
8. *Lancet*, 1930, **2**, 237.
9. *Canad. med. Ass. J.* September, 1940, p. 242.
10. *Lancet*, 1932, **1**, 229.
11. *Arch. Neurol. Psychiat., Chicago*, 1938, **39**, 737.

(migraine with ophthalmoplegia or other forms of paresis, epilepsy with similar signs, and subarachnoid hæmorrhage) might all seem at first sight to be due to leaky aneurysms; but that in actual fact in many of the young people dying from subarachnoid hæmorrhage no aneurysm was found. Cases without aneurysm he considered might be due to a recurring disturbance of the cerebral circulation, capable of giving rise to the whole range of symptoms and even to cerebral infarction and subarachnoid hæmorrhage. Thus the cause of the headache may be vascular in both simple and ophthalmoplegic migraine. It is worth noting that in two of ADIE's cases cerebral aneurysm was associated with migraine and visual hallucinations without permanent ophthalmoplegia; in other words they had not reached a stage at which they could be distinguished from simple migraine. Knowledge of the normal and abnormal behaviour of the intracranial circulation has grown in the last few years, so that we may hope before long to find a rational therapeutic approach to a condition long treated symptomatically and empirically.

VERITOL

THE clinician, especially if he is a surgeon, pricks up his ears when a new sympatheticomimetic drug is mentioned, for anything that will combat shock and circulatory collapse is a boon to him. Thus the synthesis of adrenaline forty years ago by TAKAMINE was recognised as a landmark in the history of medicine. But the pattern of medical history is not unlike that of history in general. Enthusiasm for a new drug might be represented graphically by the curve of skew deviation: the discovery is hailed with acclamation, but sooner or later this fervency is tempered by a growing recognition of its limitations. Thus adrenaline rapidly fell into disfavour as a circulatory stimulant when the transient nature of its action was appreciated. The wailing wall, however, was never a popular institution among pharmacologists, and for them the synthesis of adrenaline, giving a clearer understanding of its chemical structure, opened a new field of investigation. Here was another opportunity to correlate the pharmacology of the cardiovascular system with the architecture of the adrenaline molecule and related substances. Research was not haphazard; it was guided by certain fundamental observations. GUNN[1] has pointed out that prolongation of the side chain of the adrenaline molecule by one CH_3 group increases the duration of the pressor effect, but at the same time diminishes the intensity of the action. Again the importance of the phenolic hydroxyl groups in the molecule was recognised as a means of increasing the intensity of the pressor action and simultaneously diminishing the stimulating effect of the drug on the central nervous system. That it might be possible, by the integration of these characteristics, to produce a valuable therapeutic agent became apparent from the study of ephedrine, which was isolated from the ancient drug ma huang as long ago as 1887.[2] Ephedrine has in fact found considerable clinical application in the treatment of shock and circulatory collapse. Among its advantages over adrenaline are its gentler and more sustained action on the blood-pressure, its stability, which makes it effective even when given by mouth, and its stimulating action on the vital centres. On the other side of the balance-sheet, however, are its delirifacient action, which may cause insomnia, and—more sinister if it is true—its tendency to produce myocardial degeneration if administered over a long period. The search for better compounds, therefore, can be readily justified on scientific grounds; it is not just a matter of painting the therapeutic lily. Accordingly, with one eye on adrenaline and the other on ephedrine the synthetic chemists a few years ago produced β-(*p*-oxyphenyl)-isopropylmethylamine, now known as Veritol. It is isomeric with ephedrine and differs from it only in the position of the OH group.

Veritol has been warmly recommended for combating acute hypotension associated with surgical shock, narcotic poisoning and infections such as diphtheria. There appears to be unanimity as to the low toxicity of the drug, and it is claimed to be superior to other related amines in that it raises the blood-pressure to a physiological level. Explanations of the cause of the pressor effect of veritol differ widely. REIS,[3] after commenting on this disagreement and reviewing experimental work on the problem, reports a series of investigations from which he concluded that "the rise of blood-pressure produced by veritol is due to two factors: (*a*) vasoconstriction, and (*b*) increased volume output per beat of the heart." From a clinical standpoint, however, veritol must stand or fall by how it compares with ephedrine, and literature on this aspect of the subject is scanty. KWIATKOWSKI[4] concludes that "the general tendency . . . to suggest that veritol has unique effects on the circulation which are quite different from those of related sympathomimetic drugs . . . are largely unfounded," and he can see no justification for considering veritol to be of special value in certain clinical disorders of the circulation. Veritol, KWIATKOWSKI points out, resembles ephedrine in preserving injected adrenaline from destruction and so increases its pressor activity; and on these theoretical considerations, as well as from the results of his own experimental work, he dismisses the suggestion that veritol raises the blood-pressure to some so-called physiological level. He expresses the view that the similarity of action of ephedrine and veritol in animals make it desirable that "a detailed reinvestigation should be made of their relative merits in the treatment of disturbance of the circulation." It now seems possible and even probable that this would bear out the truth of a statement made in one of our previous reviews of this circulatory stimulant,[5] that "experience has shown that physicians of the Continent tend to be unduly optimistic about the value of new drugs."

1. Gunn, J. A. *Brit. med. J.* 1939, **2**, 155.
2. May, P. and Dyson, G. M. The Chemistry of Synthetic Drugs, London, 1939, p. 164.
3. Reis, A. *Quart. J. exp. Physiol.* 1940, **30**, 1.
4. Kwiatkowski, H. *J. Pharmacol.* 1940, **69**, 198.
5. *Lancet*, 1938, **2**, 1069; 1939, **1**, 67.

Dr. John B. Youmans, associate professor of medicine and director of postgraduate instruction in the school of medicine of Vanderbilt University, has been granted leave of absence to serve with the health commission of the Rockefeller Foundation in Europe. The commission is to help France to re-establish and reorganise her health services and Dr. Youmans will be in charge of its work on nutrition.

Annotations

THE BLEEDING TOOTH SOCKET

DENTAL hæmorrhage is more often a cross to the guiltless doctor than to the dentist who provoked it. By the time the patient has revolted against a mouth full of stringy clot, made up his mind that the bleeding isn't going to stop, or passed to the final conviction that he is about to bleed to death, the dentist has shut his surgery door and gone home. The doctor, however, is still at the end of the telephone. He usually performs his duty with that sense of grievance which clearing up after someone else is apt to provoke. Dr. D. Greer Walker [1] has given a reassuring summary of the conditions likely to cause dental bleeding, and the means of dealing with it. The common variety is, of course, caused primarily by trauma; a less common type, though primarily due to trauma, persists owing to abnormalities of the blood or vessels; very rarely dental hæmorrhage occurs spontaneously as a symptom of some other condition such as thrombocytopenic purpura. Hardly any of the so-called bleeders who give trouble after dental extractions are hæmophiliacs; generally the bleeding comes from a partially severed vessel. Walker divides his cases of bleeding into (*a*) immediate; (*b*) intermediate, where bleeding begins after an interval but within 24 hours of extraction, and may be due to such causes as a rise of blood-pressure following a general anæsthetic, slipping of a ligature, or the wearing off of the effects of adrenaline; and (*c*) remote, where bleeding begins after 24 hours and is caused by progressive sepsis. It is group (*b*) with which the doctor is too familiar.

In the ordinary case the wound should be carefully mopped out and examined, and if a bleeding-point is found an attempt should be made to pick it up with artery forceps and close it by gentle twisting. Failing this, a stitch through the free gum margins will often arrest hæmorrhage. If no bleeding-point is seen and there seems to be general oozing all round the gum margins, sustained pressure is usually effective; a small firm pad can be held in position by the finger or by the opposing teeth. Dental surgeons often make use of modelling composition for this purpose, shaping it so that when it is held in position by the teeth it presses on the margins of the wound. The patient is given a light meal before the composition is applied; as soon as it has been placed in position, the jaws are bound up with a four-tailed bandage until the following day. Some of this material would make a useful addition to the doctor's bag. Hæmostatics such as turpentine and perchloride of iron are rarely necessary, Dr. Walker finds, and he makes no mention of snake venom as a local application or substances such as Protagulin. Venom of the Russell viper in dilution of 1 in 10,000 has been found by many people to be effective in severe hæmorrhage. Simple methods of these kinds will suffice for most cases of immediate hæmorrhage due to trauma. Once the hæmorrhage has been checked Dr. Walker suggests that a full family history in respect of hæmorrhage should be taken, and a clinical history, including details of bruising, spontaneous or other bleeding from cuts or into joints, hæmaturia and menorrhagia. A record should be kept of the state of the mouth when first seen, and of important points in the dental history. A blood-count will decide whether any blood disorder is present; a differential white count will probably indicate the presence of leukæmia and a platelet count and a capillary-resistance test will help in the diagnosis of purpura. Bleeding and coagulation times are, he says, often misleading, and too much weight should not be attached to them.

1. *Brit. dent. J.* Nov. 15, 1940, p. 349.

LEAD ABSORPTION FROM BULLETS

LEAD poisoning as an occupational disease of soldiers and gangsters turns out to be no joke after all. Machle [1] has reviewed the 40 recorded cases of plumbism due to bullets embedded in the tissues—including the first one noted by Bronvin in 1867—and has added 2 more of his own. Cases are rare, and of those previously reported Machle concludes that only 3 fulfil all the present-day criteria for a diagnosis of lead poisoning; in 7 others the diagnosis was probably correct and a further 13 showed signs of lead absorption, such as a blue line on the gums and punctate basophilia, signs which may be found without other clinical or chemical evidence of poisoning. It appears that if the bullets are lodged in bones near joints lead poisoning is much more likely to develop than when the bullets are in other tissues such as muscle. In both of Machle's cases the bullets were found in bones near joints. One, a man of 27, had carried a bullet in the head of the right femur for 6 or 7 years; he had not been well in the interval and his symptoms, such as dizziness, headache and malaise, had become increasingly severe. Radiography showed that some absorption and local dissemination of lead from the bullet had taken place. The amounts of lead in the urine and blood were found to be higher than normal, and after removal of the bullet the concentration of lead became progressively less over a period of 10 weeks. A portion of the joint capsule on chemical analysis was found to contain more than 3% of lead. It is not stated whether the symptoms decreased concurrently with the fall of the lead content in the body. The second patient had a pistol bullet in the right wrist resulting in deformity, but there were no general symptoms pointing to lead poisoning. The bullet was not removed and radiography showed that solution of the lead began 7 weeks after the bullet was lodged in the wrist. Another film 5 years later showed that more lead had been dissolved and deposited in the surrounding tissues. The concentrations of lead in the blood and urine were higher than normal, but no mention is made of signs and symptoms of progressive poisoning in this case, and on the evidence given it cannot be accepted as proven; Machle has not applied to it his criteria of diagnosis as strictly as he has done to those reported by others.

GASTRIC TONUS

Dr. Ff. Roberts [2] deprecates the radiological classification of stomachs into "hypertonic, orthotonic and hypotonic." He quotes the classical experiments on tonus in smooth muscle, and upholds Bayliss's definition of it as the property of remaining in a state of moderate contraction which is independent of any influence from the nervous centres, though capable of augmentation or diminution by the central nervous system. Tonus is clinically of importance in that smooth muscle, particularly in the walls of a hollow organ, does not fulfil its function unless it adapts its length to prevailing requirements—for example, to the degree of fullness of the organ. The contents of a full stomach should be held at approximately the same tension as those of a half-empty stomach. The organ does not stretch like a toy balloon as it is filled, it expands—to use Dr. Roberts's apt simile—more like a Revelation suitcase. How this is brought about is a mystery; thus shortening of the smooth muscle does not seem to be adequately described by the familiar term "contraction" which connotes a burst of activity accompanied by the consumption of energy. The muscle merely adopts a new "normal" length which it maintains without effort. Contractions are superimposed.

However obscure the physiological nature of the process, tonus is a delightfully expressive word with which to cloak our ignorance, and as we are unlikely to

1. Machle, W. *J. Amer. med. Ass.* Nov. 2, 1940, p. 1536.
2. *Brit. J. Radiol.* December, 1940, p. 248.

find a better, we should respect it. "Hypertonic" and "hypotonic" stomachs should mean definitely abnormal stomachs, the former displaying an immoderate degree of tonic contraction, and the latter failing to show enough. The only satisfactory criterion would be the intragastric pressure, which would snatch the word tonus from the lips of radiologists altogether. Perhaps it is unfair to push the argument this far, but however the term is misused, Dr. Roberts is right in drawing the line at using it to describe mere anatomical shapes. He assures us on excellent authority, and we have heard before, that the so-called hypertonic, hypotonic and orthotonic "types" of stomach are in fact varieties of the normal which deal equally faithfully with their contents, and exert on them the same pressure.

TREATMENT OF APLASTIC ANÆMIA

In the successful campaign that has been pursued against the blood diseases since 1926 certain islands of resistance have remained unconquered, and doctors of the utmost fame have had to answer "as they took their fees, There is no cure for this disease; Henry will very soon be dead." Few blood diseases have been more resistant than primary aplastic anæmia. It has been argued that, since the commonest cause of anæmia is deficiency of one or more of the factors needed to ensure the proper formation of red cells from primitive erythroblasts, aplastic anæmia is possibly due to deficiency of some factor responsible, say, for the development of the primitive precursors of red cells, granular white cells and platelets from reticulo-endothelial cells. This theory has been put into practice by giving various hæmatinic substances, such as combinations of liver, iron, and nucleotide or nuclein, but these measures were without success. The deficiency supporters next thought that perhaps the factor resided in healthy marrow and was absent from aplastic marrow; consequently yellow bone-marrow and extracts of yellow bone-marrow have been administered, but again the results have been unconvincing. Morrison and Samwick[1] now suggest that it is the point d'appui of the missing factors that is at fault; the hypothetical factor in the marrow should not be trusted to the blood-stream but deposited at the scene of action—the marrow. They describe a patient with typical aplastic anæmia whom they treated by injecting directly into the sternal marrow space some fresh marrow fluid withdrawn from a healthy donor. The healthy marrow is obtained by aspiration from a sternal puncture, not more than 5 c.cm. being withdrawn at any one time, and injected at once down a sternal-puncture needle already in place in the patient's sternum. A total of 13 c.cm. was injected into their patient over three days, and he recovered in spite of the fact that he had reached that hæmorrhagic phase which usually indicates that the end is not far off. Morrison and Samwick give the credit to the "marrow-transfusion," but unfortunately the evidence is not clear. The patient had also received by the normal routes blood-transfusions, liver extract, pentnucleotide and sulphanilamide. Transfusions have been known to tide patients over awkward periods until spontaneous remission takes place, and Rhoads[2] says that no marrow seems to be so aplastic that it may not recover. The rationale of marrow-transfusion is also not clear; even if the transfused marrow does stimulate the sternal marrow to activity, this is a relatively insignificant fraction of the total marrow; and if the "factor" is to stimulate the rest of the marrow it can presumably only get there via the blood-stream, in which case the trouble of marrow-transfusion seems unnecessary. Nevertheless this work draws attention again to the possibility of marrow factors, and healthy active marrow certainly seems a more promising site for them than inactive yellow marrow.

1. Morrison, M. and Samwick, A. A. *J. Amer. med. Ass.* Nov. 16, 1940, p. 1708.
2. Rhoads, C. P. Symposium on the blood and blood-forming organs, Madison, 1939, p. 31.

THE ACHOLURIC INFANT

Hæmolytic anæmia in infants is commonly known in this country as acholuric jaundice, but has other aliases such as splenomegalic icterus, congenital family cholæmia, congenital hæmolytic icterus, congenital hæmolytic anæmia and congenital hæmolytic disease. It is characterised by an increased fragility of the red cells and is rarely discovered in early life, although presumably the abnormal state of the blood is there at birth. A. F. Abt in reporting[1] three cases in infants suggests that more cases will be diagnosed at an early age in the future, and his description of the disorder in the very young should help to make this possible. In one of his three patients symptoms were first noticed at birth and in the others at 4 months of age; in two the onset was insidious and in the other a severe crisis occurred at the onset. No familial history was present in any of the cases. Anæmia rather than jaundice is said to be a feature of the disease in the young and in one this was striking; the red cells numbered only 790,000 per c.mm. Jaundice, however, though slight, was present in all, and bile-pigment was increased in the blood. Abt emphasises certain variations in the blood picture which distinguish hæmolytic anæmia in the infant; macrocytosis may be found instead of the more usual microcytosis and was present in two out of the three cases reported; considerable reticulocytosis occurs, averaging 25–35% in Abt's cases; and the fragility of the red cells is not absolutely typical—in one only was there a decreased resistance to hypotonic salt solution, in one resistance was normal, and in the other resistance was actually increased. The spleen and liver were enlarged in all three. Febrile and hæmolytic crises occurred, in one infant every three weeks; in one every three months; the third had a single severe crisis. Abt points out that the only permanently successful therapy is splenectomy. This has been carried out in two of the infants with good effect. The best temporary treatment after a crisis is transfusion, and frequent small transfusions over a period of several weeks were used in one of his cases. He insists that the operating surgeon must search for accessory splenic tissue. The life of infants with hæmolytic anæmia depends on early recognition of the disease and splenectomy.

CONTROL OF DRUG TRAFFIC

The latest report of the advisory committee on traffic in opium and other dangerous drugs does not suggest that this beneficent work of the League of Nations is to be curtailed or suspended owing to the war. Indeed it justly declares that it is "only by maintaining both the national and international systems of control that it will be possible to prevent a return to the situation which prevailed between 1921 and 1929." The last war led to a recrudescence of drug addiction and of illicit traffic, and the committee urge that this bitter lesson of experience must not be lost sight of. But the projected conference on the limitation of cultivation of the opium poppy and the production of raw opium is again postponed, although this problem is fundamental to effective control of the traffic. The Permanent Central Opium Board and the supervisory body under the convention of 1931 are at one with the advisory committee on the necessity of enforcing the existing conventions limiting narcotic drugs to medicinal and scientific purposes. The representative of China reported progress with the six-year policy of abolishing poppy-growing and said that opium would no longer be produced in unoccupied China. He alleged that the Japanese are systematically

1. *Amer. J. Dis. Child.* October, 1940, p. 812.

encouraging poppy-growing and the abuse of narcotic drugs in the territory under their occupation. It was stated that in Nanking, where an opium monopoly has been established, there are 60,000 addicts, and narcotics form the chief source of revenue of the government installed by the Japanese. The figures for 1938 show that the world manufacture and consumption of the five principal drugs corresponds to its legitimate requirements —42·7 tons of morphine, 611 kg. of heroin, 27·5 tons of codeine, 2·5 tons of ethyl morphine, and 3·8 tons of cocaine. The advisory committee discussed at length the creation by the assembly of the League of a central committee for economic and social questions to unite and supervise all the technical activities of the League. Apprehension was felt by some members of the committee lest its duties should be subordinated to the new central committee and that its direct responsibility to the council of the League for the several international opium conventions should be jeopardised. It was resolved to make representations to the council urging that the technical independence of the advisory committee should be maintained.

TESTING STERILITY OF DRESSINGS

PERIODICALLY in any hospital with surgical wards the bacteriologist is asked to test the sterility of dressings, usually because of a sudden increased prevalence in septic operation-wounds, and because the surgeon, satisfied that his technique is beyond reproach, must find a scapegoat. The circumstances of testing dressings bacteriologically—the need for wide-mouthed containers and the manipulation of large pieces of gauze—make accidental contamination very difficult to avoid, so that the bacteriologist may have to report that the dressings were not, according to his tests, sterile and the surgeon feels justified. To forestall such happenings it is essential that the sterilisation of surgical dressings should be under laboratory supervision so that the bacteriologist can at regular—and irregular—intervals test the efficiency of the steriliser by some recognised method; his services are likely to be in demand now that Hayes[1] has demonstrated that the sterilising technique in common use may leave tetanus spores unharmed. Chemical tests with colour changes are not reliable. Dry earth or the spores of *Bacillus subtilis* in a sealed packet or test-tube wrapped inside a packet of dressings affords a reliable means of ensuring complete sterilisation, since the spores of pathogenic bacteria—e.g., *Clostridium welchii* and *Cl. tetani*—likely to be present in dressings are much less resistant than are those of the hay bacillus, which are usually killed by a pressure of 16–20 lb. (122–126° C.) for 15–20 minutes in a large steam steriliser. If, however, bacteriological tests are not being regularly done, and it is a question of testing the sterility of the actual dressings, the difficulties of avoiding accidental contamination must be realised both by the bacteriologist and the surgeon. Savage[2] has analysed the factors —size and type of dressings, time taken in manipulation and exposure, dustiness of wrapping and electric charge —which may favour a laboratory contamination, and as a result of his findings recommends that a uniform technique should be adopted. The area of the gauze used for each test should be 4 sq. cm., and undue hurry in manipulation must be avoided because air currents may carry bacteria into the culture-tube. A series of tests (say 10) should be done, and if a proportion (say 6) of these are sterile, sterilisation has been satisfactory. He advises a control series of tests from dressings known to be sterile. The chance of partially sterilised dressings slipping through this test is small. Slow rate of growth and purity of culture in positive tubes suggest accidental contamination. Savage does not recommend any particular medium, except that it be liquid; sloppy nutrient agar (0·1% agar) with 0·5% glucose in wide-mouthed screw-cap containers is perhaps the best.

1. Hayes, S. N. *Brit. med. J.* Dec. 14, 1940, p. 825.
2. Savage, R. M. *Quart. J. Pharm.* July–September, 1940, p. 237.

A CURE FOR CRAMP

ONE of the most difficult complaints to relieve is what is known as night cramps, which affect the lower limbs at rest. The middle-aged or elderly patients who suffer from them often show no clinical evidence of peripheral vascular disease, and the pains are presumed to be due to tonic spasms of the muscles. They may or may not be associated with intermittent claudication. On one view the spasms are akin to tetany and are produced by alkalosis, and relief has been recorded[1] from breathing in and out of a bag to cause retention of carbon dioxide. Usually, however, the cramps prove resistant to any form of therapy short of opiates. Moss and Herrmann[2] have lately reported success with quinine sulphate. This treatment was first suggested by Wolf and Kennedy's[3] work on the effect of quinine hydrochloride on skeletal muscles in myotonia congenita and myotonia atrophica, which has since been confirmed by various workers, including Briscoe.[4] It is now fairly certain that quinine acts at the myoneural junction as the antagonist of prostigmine, thus relieving spasm in the myotonias. In all the fifteen cases on which their report is based Moss and Herrmann obtained relief of symptoms by giving gr. 3 of quinine sulphate twice or thrice daily. Only four cases are reported in detail, but in all of these the occasional substitution of a placebo was always followed by an exacerbation of symptoms. They say, however, that in others of their series the symptoms did not return when the quinine was stopped. Quinine sulphate had no effect on the intermittent claudication in patients who had this as well as cramp at rest.

NEW GOVERNMENT POWERS

THE Minister of Health has decided that the final responsibility of deciding whether children are to be evacuated or stay at home must continue to rest with their parents. But he has made one important exception. He has issued a new order under which any child thought to be suffering, or to be in such a state of health as to be likely to suffer, in body or mind as a result of war conditions can be compelled to be examined by a doctor. If after examination a child is found to be suffering or likely to suffer, its removal under the Government evacuation scheme from the dangerous area will be made compulsory. The parents will have the right to appeal to a court of summary jurisdiction. But if no appeal is made or if the appeal is rejected they will be liable to prosecution unless the order is obeyed. At present the order, which does not apply to Scotland, will only be enforced in the London evacuation area. The health of the children who remain must also be protected and, as a headmaster points out on another page, children who live in shelters have other dangers than bombs to face. To protect them the Government has arranged for the medical inspection of all children in shelters, so that their general health may be watched, diseases spotted in their early stages, and medical advice given directly to parents. The Government has also taken powers to compel any person visiting a public shelter who is thought to be suffering from an infectious disease or infested with vermin to be medically examined, and to insist on their isolation, removal to hospital, or cleansing as may be necessary. Medical inspections in schools have played an important part in improving the health of the nation. Perhaps it is now the turn of medical inspections in shelters to do their share.

1. Fitz, A. W. see *Lancet*, 1927, **1**, 403.
2. Moss, H. K. and Herrmann, L. G. *J. Amer. med. Ass.* Oct. 19, 1940, p. 1358.
3. Wolf, A. *Arch. Neurol. Psychiat.* 1936, **36**, 382; Kennedy, F. and Wolf, *Ibid*, 1937, **37**, 68.
4. Briscoe, G. *Lancet*, 1939, **1**, 1151.

Special Articles

DIPHTHERIA CONTROL IN SCOTLAND

THE scientific committee which advises the Department of Health for Scotland on the application of established knowledge to public-health administration consider that on the medical evidence it is almost certain that diphtheria can be removed from the list of killing diseases, and if at least three-quarters of the child population can be immunised one of the most serious dangers to child life and health will have been removed. Today the need is especially urgent and on their recommendation a nation-wide scheme for the immunisation of preschool and school-children has been put into effect. Their subcommittee on infectious diseases have lately reviewed practical experience already gained in Scotland and in their report they make the following points :

Number of children immunised.—The highest proportion of children immunised has been in the county of Aberdeen (see table I), and even there a considerable residue of non-immunised children remains as a reservoir of infection sufficiently large to prevent the diphtheria-incidence and death-rates from showing a dramatic fall. In the cities, the proportion of children immunised is so small that the benefits are presumably only to individuals and not to the population as a whole.

TABLE I—PROPORTION OF CHILDREN IMMUNISED

—	Under 5 years		From 5 to 14 years	
	Estimated total (1938)	Immunised	Estimated total (1938)	Immunised
Edinburgh ..	34,875	2800	71,579	17,200
Dundee	15,300	434	30,750	372
Aberdeen County (1935-37) ..	12,600	3254	22,750	16,334
Aberdeen City (1936–38) ..	14,100	873	25,468	3615
Ayr County (to 1939)	19,500	2896	39,000	15,353

Parental consent.—Provided that active propaganda is undertaken, there is no difficulty in securing parental consent. During 1935–37 in Aberdeenshire, nearly 80% of the parents agreed to immunisation. In the city of Aberdeen for 1936–38 the proportion of consents was relatively low, owing to the social type of the families in particular districts, and to the greater interest taken in immunisation by parents in rural districts. But where the usual channels of publicity are fully used there will usually be at least 80% compliance on the part of parents.

Susceptibility.—It has been found that children under 8 are almost all susceptible to diphtheria—that is, they have a positive Schick reaction. The use of the Schick reaction at these ages has therefore been dispensed with, but in older children it is still used. The two chief reasons are : (1) by this age an appreciable number of children, especially in towns, have acquired immunity to the disease ; (2) the immunisation procedure used for these older children is rather more expensive and tedious, in order to avoid local and general reactions. Of the children tested in Aberdeenshire in 1935–37 21% were immune (Schick-negative).

Age at immunisation.—Within limits, the younger a child is immunised the better. Most of the schemes at present in operation draw the children mainly from the group of school-entrants. It is preferable to draw from the preschool group of children, omitting those below the age of a year, though it is difficult to make contact with the parents of this group. But a scheme which is mainly for school-children fails to protect those who are in the susceptible age-groups.

Methods used.—For children under 8 the best method for producing good, lasting immunity is the injection of two doses of alum-precipitated toxoid at an interval of one month. Aberdeen county and city have in the past relied on a one-dose method, which does not always produce an immunity of sufficient degree and permanence. The immunity produced by two injections lasts often for years, and can be readily brought to its original intensity by giving one more dose. Children immunised in the preschool period may have this additional dose on entry to school ; and periodical Schick testing in later years, with the administration if necessary of further doses, will ensure the maintenance of a high level of immunity. At the age of 8 and upwards, alum-precipitated toxoid causes occasional inconvenient reactions, and toxoid-antitoxin floccules which do not give rise to these reactions are substituted. They are given in three doses, usually at intervals of two weeks. The immunity produced by three doses of the floccules is of high intensity and long-lasting.

Medical staff.—The success of immunisation in Aberdeenshire is due mainly to the fact that a medical officer is assigned to this work only. He has the responsibility of undertaking propaganda, performing immunisation and entering up the records. With a suitable and enthusiastic officer the scheme is energised and rendered more complete ; and the success of a scheme of this nature is dependent on the size of the non-immunised residue. The appointment of full-time officers is of primary importance. It is not essential that all the work should be done by these officers, and part-time officers may help, but the full-time officer is the central point of the scheme, and he can best supply the continuity and concentration necessary to maintain the scheme when the first flood of enthusiasm has subsided. The number of full-time officers required depends on the population and the ease of access to the children. Rural areas will require proportionately larger staffing than urban areas. Glasgow, with a population of about 1,130,000, for instance, would need at least 8 full-time officers.

Institutions used.—If diphtheria immunisation is to be re-orientated so as to protect the preschool children the use of schools will probably form only a part of the scheme. Places where children can be treated in groups will prove to be the most useful, and children's homes, nursery-schools, day-nurseries, toddlers' playgrounds, isolation hospitals and child-welfare clinics should provide a nucleus of institutions round which schemes can be built. Especially at child-welfare clinics, which are often in use only for some hours each week, routine immunisation clinics may be established for children from the age of 1 year upwards.

Results.—In 1935, of the children in Aberdeen county who were originally susceptible, immunisation converted susceptibility into immunity in 93%. In table II the attack-rate of diphtheria in immunised and in non-immunised children is compared, and the death-rates and case-fatality rates are also shown. It is difficult to assess the exact significance of the figures because the constitution of the age-groups to which they apply is constantly changing. A child who is immunised at the age of 3 or 4 soon becomes a child in the school-age group. The same considerations, of course, apply to non-immunised children.

TABLE II—RESULTS OF IMMUNISATION

	Cases of diphtheria		Attack-rate (per 1000)		No. of deaths		Yearly death-rate (per 1000)		Case-fatality rate (%)	
	Non-im.	Im.	Non-im.	Im.	Non-im.	Im.	Non-im.	Im.	Non-im.	Im.
Aberdeen Co. (1935-37)* ..	1108	52	25·1	2·6	53	1	0·5	0·02	4·8	1·9
Aberdeen City † (1936–38) ..	328	15	15	4	8	0	0·24	0	2·4	0
Ayr County ‡ (1939) ..	314	32	8·4	2	14	0	0·4	0	4·5	0

* Children of all ages (corrected up to age 20 for 1937).
† Children aged 5–14. ‡ Children aged 0–14.

General finance.—In an average year there are about 10,000 cases of diphtheria in Scotland ; each patient stays in hospital usually for over 30 days, at an average daily cost of at least 7*s.* 6*d.* The total yearly bill may be roughly estimated at well over £100,000 ; which does not include the incalculable items of about 400 deaths each

year and the prolonged disability of many who do not die. The cost of immunisation is estimated at 1s. per head.

In summing up the committee recommend that diphtheria immunisation should be made available as part of the general public-health measures in Scotland to all children over the age of 1 and especially to those under the age of 5. Between these ages the vast majority of children, whether living in town or country, are susceptible to diphtheria. To obtain the maximal efficiency in administration and execution of diphtheria-immunisation schemes, they should be carried out principally by full-time officers who are not engaged in any other work and who should have the prospect of employment as members of the public-health services. Young children should be given two doses of alum-precipitated toxoid at an interval of not less than one month. The level of immunity should be maintained by later injection of one dose of a suitable preparation, if necessary after Schick testing, when the child enters school and at intervals afterwards. No scheme should be approved which does not make provision for regular re-immunisation. In the initial stages of a universal diphtheria-immunisation scheme older children should be immunised, if necessary after the determination of the Schick reaction. This will avoid leaving a reservoir of infection in the older age-groups. Children of 8 years or over should be immunised with three doses of toxoid-antitoxin floccules at two-week intervals.

Sir Alexander Russell, M.D. has been appointed by the Department of Health to lead the campaign and the figures which are coming in show an encouraging response. For instance during Edinburgh's first week of intensive effort 5081 children were immunised.

WAR STRAIN

A DEBATE AT THE TAVISTOCK CLINIC

Two recent Sunday afternoons at the Tavistock Clinic were devoted to a discussion on war strain: its manifestations and treatment. The chair was taken by (1) Colonel J. R. REES and (2) Dr. JANE SUTTIE.

Dr. HENRY L. WILSON said that the London Hospital neurological department had received from 50–70 cases a week since September 1939 and the first-aid post had dealt with over 500 patients since September 1940. Among these people there had at first been a good deal of cardiac disorder due to the early raid warnings; this had rapidly recovered. Strain was indicated by the rapid rise in peptic ulcer and perforation in September of both years. Before January 1940 there had been three types of war disturbance: (1) intensification of symptoms in old hysterics; (2) serious hysterical disorders in the "compulsive religicos," deprived by the blackout of their pseudo-theological escapes in little East End bethels; and (3) reactive depressions in those threatened with loss of loved ones. These cases might have been much more numerous but for the weekly visit to evacuated relatives. In the spring, stability had returned, but the fall of Norway and France had ushered in a series of acute anxiety states: cardiac, gastric and respiratory in type. Most cases were relieved by open discussion of war anxiety; often they had been trying too hard to be brave. The serious bombing might have had incalculable effects if there had not been adequate deep shelter. The symptoms of long-standing hysteria were intensified, together with a conscious indifference, and the patients showed the exhibitionist element in their malady by their tales of alarm or damage. Mothers showed increased alarm about their children; but patients on the way to recovery from anxiety states were gratifyingly able to discuss the practical dangers. A number of transient pareses, thoracic pains and sensory losses had occurred, but had responded to persuasion before and after a mild sedative and a night's sleep. A few cases of mild hyperventilation and hysteric contracture had proved very amenable to hypnotic suggestion, but one or two chronic asthmas had been quite inaccessible. Some patients with hysterical tremors had been in such a state of anxiety that hypnosis could not be produced; they had been given intramuscular Luminal and hyoscine, together with suggestion. Of 35 old patients whom he had known fairly well before the war, eight had been evacuated; seven were "chronics," moderately indifferent to disaster and concerned only with their own troubles; four were approachable hysterics with somatic pain, and these were doing well and recognising that their pains were associated with fear; two serious hysterics were worse; five male anxiety-states were carrying on satisfactorily; and five obsessional patients were either better, or better with lapses.

Some young men who had joined the A.F.S. or A.R.P. to escape conscription or to earn a living had presented cardiac and gastro-intestinal reactions to strain they were really not fitted to face. If the symptoms had been present for three weeks before treatment began the prognosis was poor. A few bombed people had repressed their emotion very badly, but had responded well to persuasion, hypnotic suggestion and adequate sleep.

The Friends Ambulance Unit working in Stepney shelters recorded a small number of neurotic disturbances requiring instant attention. Valuable prophylactic work was done by stimulating aggressive impulses and day dreams and preventing gloom. Under shelter conditions the ego ideal was modified and people did not have to maintain a standard of behaviour at the expense of conflicting emotions.

Dr. H. V. DICKS said that the cases received in his base hospital were of the types ordinarily seen in the last war, and the pre-bombing neuroses were of the peace-time pattern. Conversion hysteria was the commonest; followed by anxiety; terror coupled with the effects of fatigue, blast or concussion; and depression. Of 27 "civilian casualties," fourteen had had a fairly bad history and a further six a really bad past, but the remaining seven had needed considerable trauma to break them down. The simple terror cases had all been in women, more or less affected by blast, and all had cleared up quickly. The neurotic population in hospital had shown only slight reactions to the war. A certain amount of noise and raid activity had acted on many people like a graduated dose of vaccine. The first requirement in treatment was the administration of sedatives until the sense of security had been re-established; baths and massage were useful, and detoxication should be carried out where indicated. Abreaction of fear had great value, and in some instances Evipan hypnosis was a useful technique; abreaction occurred when the patient awoke from the evipan sleep. Depressed cases did best under some form of continuous sleep therapy. The best hospital for these patients was one not too remote from air-raid noises, where their attitude to anxiety could be reconstructed. People with serious breakdowns should be sent to safe areas. Children did well on mild psychotherapy.

Dr. SUTTIE, summarising the previous discussion, said that remarkable unanimity had been shown. Whenever war experiences had succeeded in breaking down anti-social attitudes, but had also released repressed social feeling and emotionally inhibited capacity, these neuroses had been submerged or even completely cured, and sufficiently tough community feeling and enjoyment of effort had been mobilised. When the patients were already too deeply absorbed in their own private mental conflict, the external conflict either went unheeded or else became a catastrophic ally of the morbid state, precipitating and exaggerating various anxiety manifestations. The "over-moralised" personality, the obsessional, did well unless their too rigid emotional technique for living was too far tested. Relatively normal people "shocked" by massive trauma reacted rapidly to re-assurance, security and measures ensuring sleep. The important point was that these measures should be applied as soon after the trauma as possible, and the patient returned to his normal work and conditions. Aphonias and fugues seemed to have been met only in the services.

Two striking impressions emerged: first, war strain in civilians had not presented anything which did not find its place in the framework of existing knowledge. This was not dull, but very thrilling; it meant that psychotherapists could face the effects of war without fear. Secondly, war demonstrated the value to society of a much freer flow of emotional contacts between human beings both "horizontally" and "vertically" in the social structure. The psychotherapeutic value of feeling

well-knit into society was a factor which the individualistic Britons would have to consider very seriously. Social reconstruction was going to be even more important than architectural reconstruction, and would be affected by experiences in shelters; it would be inextricably bound up with neurosis.

Dr. Suttie then described how some of her patients had reacted; a suicidal man had improved enormously; an acutely anxious woman had had her anxiety increased beyond bounds but at the same time her power of enduring it had increased.

Dr. WILSON observed that deeply exhausted people must be sent away from work and ensured adequate sleep. He felt he was on the edge of a precipice with many patients: anticipating an acute reaction with which he would be unable to cope. A large amount of anxiety might in some cases have to be stimulated before the patient could react in a more adult way. Perhaps civilians less often showed amnesias, aphonias and fugues than service patients because of the support given by doctors and psychotherapists; in the services the display of anxiety was not permitted, and emotional contact was very difficult.

Dr. DICKS said there were some civilian cases of amnesia and fugue. One case of fugue in a soldier had been due to acute fed-upness in the absence of any fear-stimuli, but in general he agreed with Dr. Wilson on this matter. Possibly low I.Q. was associated with extreme reactions. In the last war a neurotic breakdown for the soldier had meant removal to complete safety, but in this war there was no safety anywhere. He thought there was some stimulus to homosexuality; the repressed type was more likely to get into trouble under war conditions, reacting by intense defence mechanisms such as anxiety or paranoia.

Dr. ALICE HUTCHINSON had seen three different reactions in one patient: during the Munich crisis she had seemed quite unaware of any international situation; at the outbreak of war she had shown panic anxiety like a frightened child. Then she had lost her job, taken up Red Cross work and left her little room. She had had severe experiences in the blitzkrieg but, though frightened, had managed to carry on. If she had not had treatment throughout she would probably have withdrawn into a psychotic state.

Dr. J. WHITBY, describing general practice in north-west London, said he had found 5% develop mild symptoms of anxiety, and the majority recovered very rapidly.

Dr. GEORGE PEGGE said that the clinical material at St. Mary's Hospital was selected in that it all came in by ambulance. The commonest symptom was amnesia; perhaps this would clear up spontaneously in some cases. The milder, conscious, very shaken cases showed some amnesia for the period just before the incident, in more severe cases there was collapse with low blood pressure, merging into the case more legitimately called "shock." The next most common type was tremor so violent that walking was impossible. He segregated them quickly and tried to restore full consciousness; persuasion at the conscious level was often enough. When memory returned within an hour or so it was not overloaded with anxiety as in later anamnesia. Unconscious patients were talked to just as if they had been therapeutically hypnotised; explaining the mechanism of their condition and urging return to consciousness. After about ten minutes they were told to wake up and give their name and address. This was so successful as to be almost diagnostic in distinguishing them from cases of concussion. Other hospitals did not seem to recognise this type of case; perhaps they were classed as concussion and left alone; they then probably appeared later as frank neurotics. If there was residual amnesia they were given a sleeping draught and then a hypnagogic command to remember when they awoke; this worked very well, even when the amnesic gap was six months a year. They were kept in hospital one night or three nights, and if not recovered, were sent on. Of the first 27 cases six had been successfully treated in one night, ten in three nights, and eleven had been sent to a base hospital. Psychological cases had been one-seventh of the total casualties received. He doubted very much whether it was satisfactory to send back to London patients who had been treated elsewhere.

Dr. DICKS said that his cases of amnesia had been persistent after some time and often after such "first-aid methods"; it was possible that the transient amnesia was due to physiological conditions.

Dr. MICHAEL LEAHY had found that suggestion with and without hypnosis was very useful. He saw good reason to believe that strain was severe in people who were carrying on; their thoughts were doing them damage. He treated them by saying he might be able to alter their reactions to bad facts, as a dentist would replace a bad tooth. He described himself as a merchant who dealt in thoughts, and introduced them to the working of the subconscious mind. He gave suggestions, and wrote them down, telling the patient to read them over when he went to bed.

Dr. M. BARDEN said that at a Middlesex mental hospital there had been no noticeable increase of admissions since the blitzkrieg and a marked fall in November. Of the 71 admitted during September, October and November, in only nine was there any traceable relationship between trauma and symptoms. There was no special air-raid psychosis—just the usual types well known to psychiatrists. He thought the emptiness and misery that would come into people's lives when the war was over would be a serious problem.

Dr. AUGUSTA BONNARD suggested research into the reasons why people had joined rescue services: because they had lost their jobs, or to evade military service? She had been struck by the much greater incidence of neurosis among these services; they also suffered from having neither the honour of the soldier nor the pay of the munition worker, and had no one to look after their welfare, hours of work, meals and so on. The research might use the regular police as a control.

Dr. SUTTIE thought the war had acted as a father figure—a tremendous masculine figure which emotionally had a valuable curative effect on the mother-determined patient, such as the anorexia nervosa. The significant fact that emerged that afternoon was the need for communication of feelings. It was lamentable that society had found a use for so many only in time of war. This question of articulateness was very important: of learning one's capacities and how to apply them.

IMMUNISATION AGAINST VIRUS AND RICKETTSIAL DISEASES

Being an abstract of the third Harben lecture delivered at the Royal Institute of Public Health and Hygiene on Dec. 11 by Lieut.-Col. H. J. BENSTED, M.C., M.R.C.S.

A NATURAL attack of some virus diseases gives a lasting solid immunity; with others an attack confers little or no protection against a subsequent infection. Convalescent sera from recovered cases, and artificially prepared anti-sera have been employed as prophylactics in virus diseases but have only a limited application; and suspensions of live, attenuated, or killed viruses have been used to induce active immunity.

SMALLPOX

At present, thanks to the administration of previous generations, smallpox is rare in this country and the native virus appears to have lost much of its virulence; but when a foreign virus is imported, for instance from the East, severe and fatal cases are still seen. Propaganda against vaccination has produced a false sense of security and large numbers of parents refuse to accept protection for their children. The consequence is a population of young adults with a dangerously low protection-rate.

The stock virus used for propagation through calves tends to lose potency after long-continued passage through the same species and is therefore subjected to occasional passage through rabbits. After the lymph has been collected the calves are killed and subjected to autopsy. Lymph from any diseased animal is rejected. The lymph is mixed with four times its weight of 50% alkalinised glycerin; it then contains about 4000 bacteria per mg. These bacteria—mainly staphylococci, *Bacillus subtilis*, moulds, and yeasts—are mostly destroyed

during storage at −11° C.; after about six months their number has fallen to about 5 per mg. The lymph is then suitable for use. Before being issued it is tested for the presence of hæmolytic streptococci, gas-forming anaerobes and other pathogenic bacteria. It may be stored at low temperatures for long periods without losing its potency.

Intracutaneous injection is not without danger because the lymph is not absolutely free from bacteria. Nowadays it is customary to make the inoculation at a single scratch instead of scarifying in the time-honoured manner. There is evidence that there are advantages in using a pure tissue culture of the vaccinia virus for intradermal inoculation. The virus is cultured on the chorio-allantois of a fertile egg, the method being a simple one. The vaccine produced is free from contaminating bacteria and can be inoculated intradermally without danger. Probably culture virus will eventually supplant the older and cruder calf lymph, but it has so far been received with little enthusiasm in this country. For one thing the immunity resulting from scarification with calf lymph is probably more lasting than that following the use of culture-virus vaccine. The fact that a high proportion of Army recruits have not been previously vaccinated has led to a high percentage of severe reactions among them. The ætiology of the post-vaccinal reactions involving the central nervous system is still obscure; it may or may not be due to altered properties of the vaccinia virus.

RABIES

Being conveyed by the bite of an infected animal—usually dog, jackal or wolf—rabies does not occur in epidemic form; but it is so prevalent among animals in the Near and Middle East that prophylaxis against it is important. The virus of "street-rabies" is present in the saliva of the rabid animal and is implanted into the tissues of the victim when the creature bites. It is picked up by the nerve endings in the vicinity of the bite and travels along the nerves to the brain, where it becomes fixed in the cerebral cells. The disease then becomes manifest and ends fatally. The object of antirabic treatment is, therefore, to neutralise the virus before it reaches the brain. The incubation period varies with the distance the virus has to travel along the nerves to reach the brain. Once a man has been bitten by a rabid animal there is always a race to stimulate the body to produce sufficient anitviral bodies before the brain is attacked. That is to say, active immunisation is begun after the patient is suspected of being infected. The immunity developed is not lasting, so that it would not be practical to undertake immunisation in advance in dangerous regions.

Three main types of anti-rabic vaccines are extensively used to-day:

1. *Attenuated virus vaccine.*—Pasteur's original method is still widely used in French Pasteur Institutes and in those under French influence, but it requires personal attendance of the patient at the institute.

2. *Live virus vaccines.*—Hoeyge's method consists of injecting suspensions of the living unattenuated fixed virus obtained from brain tissue of experimentally infected animals in descending dilutions. The method is widely employed in Europe, but the patient must also attend at an anti-rabic institute for treatment.

3. *Killed virus vaccines.*—The most important of these and the one most widely employed in the Middle East is based on Semple's method. As now prepared in Kasauli it consists essentially of sheep's brain fixed virus killed by phenol. This is the method recommended for use in the Army, because the phenolised suspensions of killed virus will retain their antigenic activity for several months, and can be kept in stock where wanted, ready for immediate use.

YELLOW FEVER

Reed, in 1902, regarded yellow fever as a virus disease. Many research workers succumbed to it, and in order that investigations might continue some form of prophylaxis was eagerly sought. The first form of immunisation consisted of simultaneous injection of the living virus, modified by frequent passage through mouse brain, and human convalescent serum; it was employed successfully. Killed virus vaccines have little or no immunising power but attenuated living virus vaccines can be prepared which can be given without convalescent serum and possess high antigenic value. A stabilised attenuated strain of the virus is cultured on chick embryo, dried and sealed in ampoules. The vaccine is prepared for injection by the addition of sterile distilled water to the dried powder. Reactions are as a rule trivial. Immune bodies appear in the blood within a week of inoculation and reach their maximum titre in 6–8 weeks; immunity probably lasts 3–4 years. Inoculation with this chick embryo culture virus vaccine is a routine procedure for all Europeans entering the yellow-fever belt, and large numbers of inoculations have been carried out during the last few years.

INFLUENZA

The pandemic of influenza in 1918 was responsible for more deaths than the war of 1914–18. In 1933 Laidlaw and his fellow workers proved that the causative agent was a virus, and attempts were made to produce a protective vaccine. It was found possible to immunise animals but clinical trials of the vaccines did not meet with the success that was hoped.

A vaccine recently introduced in America promises better results; it consists of a mixture of cultures of the virus of dog distemper and of a particular strain of influenza said to contain multivalent antigens. Extended trials of this vaccine are being undertaken in this country, but it is too early to make any pronouncement on it. The lack of natural immunity resulting from an attack of the disease makes it unlikely that a vaccine made from a single strain of virus will give satisfactory protection, but possibly some form of compound vaccine will turn out to be the solution.

RICKETTSIAL DISEASES

Next to influenza, in the last war, European typhus and trench fever were responsible for more sickness than any other diseases. Both are louse-borne. Conditions might recur which favoured these diseases; they can be readily prevented in normal times by getting rid of lice, but it is not always possible to do this during military activity. During the last war and for some time afterwards passive immunisation by the injection of convalescent serum was used against typhus fever on a limited scale. Later the rickettsia was cultured in the intestines of laboratory-bred lice. By intra-rectal inoculation it was possible to prepare small quantities of suspensions of the rickettsia for vaccines; they were treated with 0·2% formalin given in three injections. The work of preparation was so exacting that the vaccine could only be used on a relatively small scale. Chick-embryo cultures have given promising results, but Zinsser's method of buttering minced guineapig-tunica cultures of rickettsia on agar-tyrode-serum media and incubating for about 16 days has yielded richer growths. Immunity trials with suspensions have been satisfactory.

Durand and his fellow workers have infected the respiratory passages of white mice with cultures of typhus rickettsia and subsequently made vaccines from the lung tissue. Trials among the native population of North Africa showed that these produced an adequate immunity. This mouse-lung vaccine may owe its immunising properties to the fact that although formolised it is not completely killed; most workers agree that killed vaccines have little immunising power. The reactions are said to be trivial, but the virus may remain alive in the bloodstream for a considerable time. Under war conditions the troops may become infested with lice, and when lice begin to feed on hosts whose blood contains living rickettsias there is a danger of a serious epidemic. At present protective inoculations against typhus should be restricted to those who are less likely to become infested with lice—medical officers, nurses and sick orderlies who would receive and attend to typhus patients.

Trench fever seemed to disappear with the cessation of hostilities; but the reservoir of infection has probably been kept alive in Europe, because similar fevers have been noted from time to time in Poland and Russia. The rickettsias of the trench-fever group are distinct antigenically from the typhus group, but are subject to the same conditions of growth, and the possibility of preparing a vaccine by Durand's mouse-lung method is already under consideration.

In England Now

A Running Commentary by Peripatetic Correspondents

WHEN my sister-in-law and I had finished telling him about the state of Europe my brother said: "The trouble with you professional women is you're so damned depressing." "Nonsense," we replied as one professional woman, "we face the facts." Since then I seem to have met nothing but people who face the facts with equal fortitude and state them just as ruthlessly. The facts, however, though inescapable, overwhelming and unpleasant, are never twice alike. Take Ellinor now; she says that everybody knows we have no army in the East and that we can't spare ships from the Mediterranean to guard the home waters. Rick says there's no doubt that the country is riddled with fifth column and the trouble is they're so damned efficient; Enid assures me that this war means the end of civilisation as we know it, and seems to regard that as a loss; Rob says we are going to hang ourselves in red tape; Sal writes "not a planner among us," and Harry mutters darkly "look out for Spain." Then I came across Francis, and he said it wasn't the war that was the trouble; just wait for the peace. Then we should starve if you like. I didn't like, but I wasn't such a fool as to say so. No-one shall say I can't face a fact when I see it. While we were allowing our grim theories to edge out beneath stiff upper lips Emily came in, trailing a ball of wool from her knitting. "Have you heard the news?" she said, settling herself agreeably in the most uncomfortable chair in the room. "No," we said expectantly. "The war's going to be over next year," the poor simpleton responded. "I've just been told by Mrs. Poodle. She's so psychic." We showed our teeth in humane grins and drifted disdainfully away. Emily of course went on with her knitting, but she had set my mind working at last. These facts? I don't know when I last heard a fact, a naked decent fact. I don't know that I should recognise one if I heard it. It looks as though we keep on facing speculations and if we are built like Emily we pick pleasant ones and if like me we pick them sombre. It's all according to taste, or endocrines or something. However, I have made a New Year resolve and am thinking of having it printed to send out to my friends. "No facts faced unless authenticated." My sister-in-law will be disappointed in me. "Can't take it, huh?" she will be thinking. But she mistakes me. I can face the facts all right, one at a time; but I'm dashed if I'm going to face everybody else's favourite phobias, too.

* * *

Some of God's creatures are funny; toucans, for instance, and dictators (if these latter are indeed God's creatures). Others definitely command respect and of such is that admirable bird the wood-pigeon. Swift, hardy, efficient and self-reliant one cannot imagine the wood-pigeon ever feeling sorry for himself. No bird or beast has keener vision, and as he flies he turns his head now this way now that, keeping a sharp look out for chaps with guns. He eats like a horse and can digest like an ostrich, thus making himself unpopular with the farmer; so that even the most humanitarian need have no qualms about trying to shoot him. From the gun's point of view he is an excellent bird, providing an endless variety of difficult shots. Cartridge-makers also must love him, for attempts at his destruction entail the expenditure of vast quantities of ammunition; he who regularly kills one pigeon to five cartridges is not doing badly. Nor is he to be despised on the table where he makes a useful addition to the meat ration—if you can get him there.

* * *

When I was a student in London I often used to go and see an old man whose principal attraction was that he had been at the seige of Paris, and it was with this instinct for listening to the footfalls of history that I went a fortnight ago to do a locum within a mile or so of the City. I come back to the country with a profound admiration for the adaptability of the Cockney. True, during the day-time the great arterial highway with its blaze from shop windows, its blare of stalls, its motley, good-humoured, self-reliant multitude are much the same as ever; fewer children, here and there a heap of rubble where houses stood—but on the whole the fascinating stream rolls on the same. In the evening, however, when the sirens have gone—no-one heeds the day ones—it changes. Dark, mysterious buses like giant glow-worms, faint flickering push-bikes in the roadway, a clapping of purposeful, untarrying footsteps on the pavement, shuttered shops with only an occasional faintly gleaming "Open" on the door, all give an air of expectancy and peril. The back streets at night are empty and silent, the moving tin-hat of the warden, the faintly illuminated "S" of the shelter, otherwise it might be a city of the dead. I had great difficulty in finding houses at night and once went back to a house three times before I was answered. They were sheltering in a back room. It was an old lady with an old stroke; they thought she was worse. "It she disturbed by the raids?" I asked. "Not a bit," they said. "I like to hear the guns," she croaked from the bed. I saw a lot of that, the bed-ridden invalid or senile stimulated into a soldier of the line. I looked into shelters, Hogarthian scenes—propped, lying, huddled figures of men, women, and children on asphalt floors without mattresses, grey cement walls and rough fresh carpentry. I noticed many patches of vomit in the street. A policeman explained: "It gets so foul down there that when they come up they cough and cough, old people, babies, and all." I was called to see a girl with a hysterical fit in a shelter. One warden was stroking her head, another her calves, and others as opportunity arose; it had nothing to do with air-raids, a backwash from a love affair. I have a hundred cameos of this bombed London; a pack of children enjoying a lawless holiday with unrivalled opportunities for sight-seeing and adventure; an old Jew at the rest centre, who had been bombed out thrice, but refused to be evacuated till his affairs were settled, no advance without security; stalwarts who preferred comfort or privacy to safety and slept in their bedrooms; a gallant army of unregarded men and women who are displaying a toughness which I envy. I saw much of medical interest—three cases of urticaria following close bombing, more scabies than I've seen for years, shelter œdema of the legs, the waspish short temper of the bachelored man. I heard few complaints, but "What's the use of complaining?" many times. It is absurd to believe in democracy and then resent it being intelligent, and I heard much criticism of those of our leaders who took part in the farce of non-intervention, the humiliation of appeasement, the folly of ceding the Irish naval ports, which is costing us so many lives every week. This was less recriminatory than fearful that the same faulty, flabby judgments should still operate to the nation's hurt.

* * *

I don't see why one shouldn't extract what pleasure one can from this war. Living in a defence area the country is delightfully quiet, especially at week-ends which used to be so noisy with traffic, belching and snorting till late on Sunday night. Now it is quieter than it was even before the last war. That melancholy jangle of church bells, which always stirred my soul in conflict (ought I to go?)—I revel in their silence too. Then one can't ask people to stay; it's not safe, and, anyway, probably wouldn't be allowed. Again, when one's on duty, standing by, one can sleep in one's clothes, or some of them. I like sleeping in my clothes. I often used to in peace-time, but then I had to remember to ruffle my pyjamas in the morning. I wonder with what diseases we pay for pampering our skins, putting on soft, smooth raiment, changing it at night, washing the natural fats off with mild caustic. We pay for most modern "improvements": rickets for coal and clothes, the deficiency diseases for our unnatural foods, respiratory diseases for house, church, and factory air, and so on; it's a long list. I was pleased to see in a recent article that in being fussy about our bread and excluding dear old penicillium we may be losing a valuable ally. When will man learn that he is as much a part of nature as an earthworm? Last week I bought a sixpenny packet of water-cress seed and have got enormous pleasure from planting pinches of it in the mud by stream and pond and ditch, wherever I go, my mind

picturing large succulent patches of it in the summer. If I had been asked why I planted it I should have rationalised the process and explained that it was a wartime effort to increase food supply in a simple way. But that wouldn't be the whole truth. When I was a boy I was doing the same sort of thing, carrying pails with tench in them for miles to stock barren ponds. I generally get the same sort of urge every autumn; for the last few years it has been an irresistible desire to plant fruit trees. Probably men on the one hand and hens, cabbages, sheep, and water-cress on the other live in the same sort of loose symbiosis as the algæ and fungi in some lichens, and I have been instinctively fulfilling my side of the bargain.

* * *

The Quartermaster and the M.O. have fallen out, and it is supposed to be less dangerous to walk through the line of fire of a Lewis gun than quarrel with the Q.M. But the Doc is holding his own. It started after our seventh (since August) move. The Q.M. went with the advance party, and took for his stores the room which the previous battalion had allotted to the M.O. for his medical inspection and casualties. He gave our M.O. a rather ordinary room, up the narrowest flight of stairs I have ever seen. The M.O. asked for what he considered his own room back. The Q.M. refused; but the Doc scored a minor triumph by getting an advance booking for the best rooms at our eighth (and present) place of location. Then the Q.M. scored a small verbal win. After lunch, when every officer was in the anteroom, he announced (quite untruthfully) that he had been along and chosen the Doc's room—"with roses and carnations over the door." The night we got to our new home, these premises were destroyed by a bomb. So now the M.O. is on the warpath again. His present temporary place is well out of the town; and when the Q.M. said it would do the Doc good to walk there, the Doc replied in injured tones that he did not mind how far he walked but he was not going to see sick men walking x miles to visit him. This retort was so good that we very nearly lost the magnificent officer's mess. Now we are all on tenterhooks wondering for which building the M.O. will make an impassioned plea next—battalion headquarters, signals house, the motor transport, or the Quartermaster's stores.

* * *

There are, I imagine, many foreigners, especially Teutons, who fail to appreciate the humorous third leader of the *Times*, and who might wonder what your peripatetic correspondents are doing in a medical galley. They would be out of place In England Now, or, let us hope, hereafter. In the German medical weeklies which I read leading articles and annotations by the editorial staff are absent. Articles of the kind are, I think, useful to us all, especially to the overworked and the lazy. They often give a synopsis of work done or in progress, and are reminders that a subject is still fluid to those who fancy they know its ultimate physio-pathology—say the lipoidoses, or the functions of the posterior pituitary. One's legal friends are annoyed when some judge, setting up a new ruling, punctures the snug cocoon in which they are ensconced; let them survey the tables covered with current literature in a well-stocked medical library. The leaders in our journals also serve as an exercise in clear and succinct expression, an art in which our profession is not strong. The German weeklies give from time to time a comprehensive survey of some subject by an authority, followed by a heart-breaking bibliography; all done with that unswerving thoroughness, diligence and dullness for which their people are renowned. It would take a Voltaire's mordant wit and many cups of coffee to deal faithfully with such a *Sammelreferat*. Another German practice is to publish monthly or bi-monthly reference-numbers as supplements to journals dealing with special lines of work. I can speak with knowledge of only one, that attached to the journal dealing with neurology and psychiatry. To produce regularly a work of this kind requires editorship, many skilled collaborators with knowledge of languages, industry, money. That the English-speaking world is content to leave this and like fields to Germany is, to my mind, discreditable.

Letters to the Editor

ANÆSTHESIA IN THE SHOCKED PATIENT

SIR,—The letter by Mr. Ruscoe Clarke and Mr. Kessell (*Lancet*, Nov. 23, p. 664) and your leading article of Dec. 21 invite comment. It is possible that your correspondents have made the error common on the continent of comparing results following local anæsthesia given by a skilled surgeon with those following general anæsthesia supervised by a hospital orderly or nurse. While it is true that "methods of local anæsthesia should be further explored" there is little to suggest that a general anæsthetic, skilfully administered, adds to shock. It cannot be stressed too strongly, however, that a clear airway must be maintained throughout the whole period of unconsciousness, that the patient must be kept adequately oxygenated, and that only enough anæsthetic should be given to allow the operation to be performed satisfactorily. The shocked, exsanguinated, or heavily morphinised patient is already well on the way towards unconsciousness, and the required depth of anæsthesia is achieved in a patient depressed by any means with a much smaller dose of anæsthetic drug than would be needed for the same patient in normal health. This point has been emphasised by anæsthetists with experience in France. S. Rowbotham tells me that he found that the shocked patient needs much less local or general anæsthetic than does the fit, and Rex Binning (*Brit. med. J.* Dec. 7, 1940, p. 794), reminding us that in the shocked a very small amount of anæsthetic suffices, writes "they (the patients) were very tired as well as suffering from the effects of their injuries and it was noticeable that a much higher proportion of oxygen, sometimes as high as 30%, was required in anæsthetising them with nitrous oxide." If ether, Vinesthene, Pentothal, &c., had been used the results would probably have been almost equally satisfactory provided the necessary amount had been given. As your leader points out the safeguard of nitrous oxide is that an overdose cannot be given provided the patient is kept well oxygenated.

Your leader, too, stresses the practical difficulties in the use of local anæsthesia. Even those of us who work under satisfactory conditions realise the extra work, attention and time needed if they are employed widely. In some cases the technique is easy and the results striking—e.g., brachial-plexus anæsthesia for operations on the upper limb, or in abdominal surgery. Blocking of the abdominal wall, however, may well be difficult to carry out in cases of penetrating wounds of the abdomen, and in any case injection of the splanchnic plexus is nearly always necessary, and is inevitably followed by a fall in blood-pressure. For major surgery in other parts of the body the technique is not so easy, nor are the advantages so manifest.

Binning points out the help of the practice followed in this and other hospitals of having a label attached to the patient showing what premedication he has had and when it was administered. On the reverse side of the label the anæsthetist writes the anæsthetic which has been given, and any postoperative instructions. These details all play their part in the prevention of postoperative complications to which the shocked patient is so susceptible.

Radcliffe Infirmary, Oxford. R. R. MACINTOSH.

SERVICE PATIENTS IN SANATORIA

SIR,—A peripatetic correspondent in your issue of Dec. 14 writes of the difficulty in getting hospitals to involve themselves in Army board procedure. As a medical officer in one of the seven sanatoria which take cases of tuberculosis from the Service hospitals for "boarding" I see many of the points that create this difficulty. The turnover of patients is large, the average length of stay being two or three weeks, and a large number of forms have to be dealt with. In view of the short period of residence little can be attempted or accomplished in the way of treatment, and one gets the feeling that a lot of time is being spent where it is possible to do very little, probably at the expense of civil patients on whom it might be more beneficially employed. The majority of service patients do not feel ill while they are in the sanatorium, and with no military

authority it is difficult to enforce discipline. If cases get really bad an example is made, and either the patient is transferred under guard to a military hospital (only to come back for the actual boarding) or a military court sits here with great ceremony and at least a temporary effect. Lesser breaches of discipline have to be ignored, and it is these that make it much harder to keep civil patients in order; if the soldiers can play up why shouldn't they?

Although it is admittedly wise for a patient suspected of tuberculosis to have the advantage of sanatorium facilities before being definitely labelled, it might be better for the military to take over sufficient complete sanatoria or parts of sanatoria, and to run them with both clerical staff to deal with the forms, and officers to maintain discipline. We are told that such staff can only be allowed when the number of patients reaches 150.

Middleton-in-Wharfedale. ROBERT FLEW.

THE SICK IN BOMBED AREAS

SIR,—The letter signed "Cockney" in your issue of Nov. 30 was, in its comments on the casualty services, so obviously the product of an active and untrammelled mind that it calls for detailed consideration.

Unfortunately the reaction of medicine to total war has not been so thorough as the situation demands. The assumption has been that the system in force in August, 1939, was an efficient if not an ideal one, and that the only adaptation called for was a scaling up of the existing services to meet the larger needs of war. No-one seems to have realised that the problems of war-time medicine differ in nature as well as in size from those of peace. Doctors tend to take it for granted that casualty services dealing with surgical cases are still engaged on civilian as distinct from military medicine. Even where they accept that the surgical problems are new they still do not make any great changes in their fundamental technique. As for the rest of medical practice, including preventive medicine, that, they feel, can carry on much as before. The truth is that if we are to wage a total war successfully we must accept its totality. As far as the dangerous areas are concerned all medicine is now military medicine. Appreciation of this fact is the first stage in proper organisation, and failure to grasp it accounts for much of the confusion in our local services. The principles of military medicine are:—

Flexibility.—Aid, in the first instance, must be conveyed to the patient rather than the patient to the aid.

Accuracy.—Immediate deterioration of the patient's condition having been checked and his exact needs having been determined he must be evacuated from the danger zone along a pre-selected route to a point organised for specialised and definitive treatment.

Continuity.—The entire treatment of the patient from casualty point to convalescence must be a continuous process; like the manufacture of a Ford car, the problem must be tackled on conveyor-belt lines.

Totality.—Mass prophylaxis is imperative. This, on the surgical side, will include intelligent use of body-armour and tactical cover; and on the medical side will extend over the whole field of hygiene and immunology, including in its scope the entire civil population of any military area.

Applying these principles, our needs now are:—

1. For casualties, a system of rapid rescue, early, accurate classification, and evacuation along chosen routes to hospitals outside the casualty-producing area, in which only urgent surgery would be performed.

2. For medical cases, a permanent diagnostic service (the skeleton of which exists and has been greatly improved of late by the Ministry of Health), backed by adequate and highly organised facilities for hospitalisation.

3. For prevention, mass prophylaxis, and drastic preventive hygiene covering every known vector. Given a slight extension of statutory power in the direction of compulsion, we have already in the Ministry of Health and in the local government services all the machinery needed for this work.

4. For the medical profession as a whole, the recognition that medicine must be re-planned to serve new units—not only the units of the Army, but the community units as represented by the shelter crowd. This implies the abandonment of the organisation of medicine on its present individual lines.

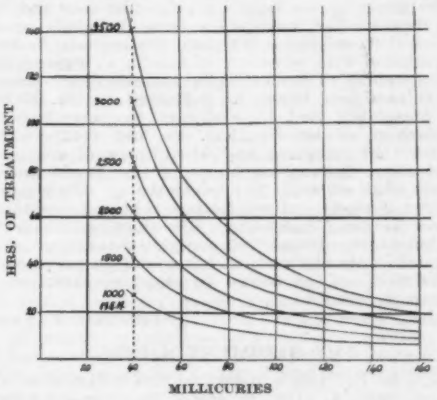
Medicine has ceased to be an affair of contract between two individuals. It is the concern of the nation as a whole; it can only be served by what in effect must become a state medical service. Already in the bombed areas the evening surgery is impracticable and its work will inevitably be covered by the medical aid-posts placed in shelters by the Ministry of Health. As a profession we must decide whether we are willing to plan boldly to meet obvious necessities, thus building up a service which will continue in utility when the war is long past; or whether we are going to shuffle from stage to stage under the pressure of events, meeting each catastrophe with half-hearted improvisations.

K. W. C. SINCLAIR-LOUTIT,
London. G. B. SHIRLAW.

RADON DOSAGE

SIR,—The extended use of radon calls for easy reference between equivalent physical doses when radium and radon are used; the graph reproduced here allows of this over a range largely used in treatment; each smooth curve represents a product of radium-milligramme-hours (M.E.H.), the corresponding hours of treatment with any stated number of millicuries being read off from the coördinates.

Some radiotherapists are making a virtue of necessity and seeing whether there are any essential differences



between the tissue reactions to radium and radon. Although it is of the first importance, there have been few attempts at determining between what limits the equation $Qt = qT$ holds in the field of treatment. Provided radon supplies can be augmented in the near future, we should be in a position to provide sources having quite a large value of Q (millicuries), and if a series of patients could be treated during the period of decay it might be practicable to use the radon when the quantity q was no more than 1/10 Q. Besides being of medical interest, such a prolonged use of a single radon source would be economical.

The Middlesex Hospital. SIDNEY RUSS.

THE TREATMENT OF BURNS

SIR,—It might appear from the remarks of speakers at the meeting of the Royal Society of Medicine on Nov. 6 that the problem of the severely burnt hand is a product of this war. It has certainly been neglected but as certainly is not new. Many of these derelict members, deformed and practically useless, are scattered about the country. Many thousands of pounds have been paid out by insurance companies by way of compensation for them and so great has been the disability that the question of amputation has at times been raised. These unfortunate results are not confined to the smaller towns and hospitals where treatment may fall short of the specialist standard. They have occurred in spite of expert supervision at noted surgical centres.

In the last case sent to me the ends of the middle, ring and little fingers were shrunken, dry and necrotic. Although the damage was five months old the dead tissue had not completely separated, a characteristic

of the dry gangrene which occurs in these cases. It may be that failure to skin-graft granulating areas is responsible for the observed contractures. Even so, this omission may be deliberate because attempts to graft irregular areas have so often failed. This fatalistic attitude will be understood when it is considered how small a proportion of secondary skin grafts in favourable positions and in the hands of experts achieve complete success. I am certain that the observed necrosis and crippling deformity has nothing to do with tannic acid or any other coagulant method used in treatment. Inadequacy of the terminal circulation and contractures have been due to the extent and depth of skin destruction occasioned by the initial injury. In operating on these cases after healing and contraction has occurred it has been found that joint capsules have been involved and that tendons, their sheaths destroyed and interrupted in their course, have developed adventitious attachment to prominent articular margins.

It is easier to control contractures resulting from destruction of skin on the extensor than on the palmar aspect of the hand and fingers.

The essential feature leading to contractures on hand or face is the extent of skin which has been totally destroyed. Before this or that treatment, properly used, can be blamed for these effects it will be necessary to show that when the treatment is discarded similar results do not follow similar lesions. Undiscriminating advice never to use tannic acid on the face and hands (the laggard feet have since been included) must be subjected to searching criticism, the more so because it is bracketed with advocacy of lanolin as a prophylactic against keloid. The merging into one category of second- and third-degree burns, as suggested by Mr. McIndoe, will inevitably lead to confusion by encouraging the comparison of lesions that are not comparable. I suggest that crippling and distortion will continue to result from destructive burns of the hands and face in spite of all attempts to prevent them. The reparative surgery of these end-results has achieved considerable success in some directions. Elsewhere, particularly in the hand, an attitude of complaisant acceptance, or even deliberate obstruction, has too often prevented the employment of measures to improve function and mitigate deformity.

Wimpole Street, W.1. PERCIVAL P. COLE.

THE SEDIMENTIN INDEX

SIR,—In Dr. Day's paper on the sedimentin index (*Lancet*, 1940, 1, 1160) he states that correction for cell volume is a mistake in that the differences recorded in the sedimentation-rate by diluting the blood with plasma have no real significance. If a patient loses red cells and his red-cell count is thereby lowered each ml. of his blood will now contain correspondingly more plasma and the cell volume will be lowered by dilution with the patient's own plasma. It appears then that if the sedimentation-rate is to serve as a guide to "tissue destruction" and not as a measure of "anæmia" a cell-volume correction is necessary. So far as the clinical values of the sedimentation-rate and sedimentin index are concerned I do not doubt that the latter is by far the surer pointer to tissue destruction.

Royal Hospital, Wolverhampton. A. W. FARMER.

PSORIASIS AND RHEUMATOID ARTHRITIS

SIR,—I read with great interest the letter in your issue of Nov. 30 in which Dr. Barber mentioned the frequent association of psoriasis and rheumatoid arthritis. I made this observation myself a number of years ago, finding psoriasis also to be prevalent in cases of so-called infective arthritis, but I could find no reference to the association in the literature either of rheumatism or skin conditions. We were then making a study of the bacteriology of these cases, but did not find any definite evidence of hæmolytic streptococci. I am bound to admit, however, that all cases were not thus investigated, and that cases associated with psoriasis were not specially selected for investigation. The suggestion that both conditions may be the result of sensitisation to a bacterial poison is an attractive one, and there is a good deal to be said for it. J. W. SHACKLE.

dCross Clinic for Rheumatism, N.W.1.

DIPHTHERIA DIAGNOSIS BY POST

SIR,—The unhappy picture portrayed in your annotation of Sept. 21 is as you say a "not very rare" event, and yet in the light of the heights reached by present-day medicine it sounds almost unbelievable. Many instances of a similar potential catastrophe can be found throughout the country. The three players in the tragedy are the parent, the practitioner and the local authority. The difficulty with the first may be overcome with immunisation and by "medical" education; in the latter the Londoner is much more proficient than his country cousin. The practitioner must be primarily a clinician and not a waiter on bacteriological services. In my view the chief blame attaches to the local authority whose implicit duty it is to provide rapid diagnostic facilities. A service which is not ready to give a result overnight is not only of little use, it is a trap. You state that some authorities are unable to provide the best facilities because they would be "uneconomical." Surely the real reason is either lack of appreciation of the results at stake or unwillingness to reorganise a system, long out of date. No money matters should stand in the way of saving child-life.

The solution of the problem lies in the relegation to the past of the idea of "postal bacteriology"; delay in the post may mean a delayed result, but more important is the possible drying of the swab making the whole procedure useless and often giving a false result. For practical purposes the only way to achieve a service helpful to the practitioner is the use of the personal messenger and of the maintenance at the laboratory of someone who can inoculate media up to (say) 11 P.M. Such a system has been in use in these laboratories for several years without mishap. It may sound ambitious for rural areas, but it is worth the trouble it takes and supplies the difference between a diagnostic aid and a trap for the practitioner and death to the patient.

The problem of diphtheria is at present being brought into the public eye by the Minister of Health's drive for the immunisation of young children. Now, therefore, is a suitable time to rationalise the country's bacteriological diagnostic facilities. MAGNUS HAINES.

John Burford Carlill Laboratories, S.W.1.

THE DE-SPECIALISING OF PATHOLOGY

SIR,—Dr. Goodhart's views (*Lancet*, Dec. 14, p. 737) must be shared by all clinical pathologists and I would like to amplify the suggestion in his final paragraph that laboratory workers should have greater clinical responsibilities. Deficiency diseases requiring accurate dosage as in the treatment of the anæmias or diabetes mellitus could be treated by the laboratory worker with considerable saving of the patient's time and also cost of materials. For instance, I have known of cases where liver extract has been pumped into the patient by succeeding generations of house-men when the patient was not suffering from addisonian anæmia at all. This represents much waste of material. Again, the maintenance of an adequate concentration of the new sulphonamide drugs can best be supervised by the laboratory, and the accurate reconstitution of the blood volume by means of serum in the treatment of burns or shock can be undertaken only by the laboratory worker.

Recognition of these facts and allowing the "poor pathologist" to use his talents under his own authority will most quickly bring about the results which Dr. Goodhart desires. But, Sir, national policy seems to be leading in the opposite direction. The establishment by the E.M.S. of big base laboratories accepting specimens from a distance at 3*s*. a time will soon make pathologists superfluous, particularly those engaged in private practice. In fact, there seems to be no reason why, in the interests of national economy, this work should not be carried out by technicians alone.

Queen Mary's Hospital, E.15. W. W. WALTHER.

A WAR-TIME SPECTRE

SIR,—Many readers are a little weary of the State Medicine controversy, which drags drearily along although the spectre, seen first in the middle distance, seems now to have disappeared below the horizon. Some remember a similar agitation during the last war, the embers of which were extinguished by the stirrup-pump of realism

while the budding bureaucrats were still deciding where they would like their desks. It is noteworthy that small interest is shown in these projects by the leaders in medical and surgical practice, the select company who in normal conditions have always more work than they can comfortably attend to, yet contrive to find time for a great deal of unpaid public service.

Rates and taxes will be heavier, alas, and building construction a major industry, but in other respects the post-war world will in all probability be very like the pre-war world, in which for many years the British Commonwealth set the pace in the defence of liberties, the redress of wrongs and the promotion of social justice. Many consultants will again be busy, and even more consultants will still be waiting for the patients who never came. In fine, we shall be living in an unregimented economy which presents opportunities in plenty for the industrious and worthy, but is neither the gossamer heaven of Mr. J. B. Priestley nor the blissful Elysium of the street-corner orator, where fags are free, the work is sent out, and Sunday comes in the middle of the week.

But we have not heard the last of State Medicine. It will be groomed and trotted out again during the next war.

Great Russell Street, W.C.1. H. D. L. SPENCE.

ABDOMINAL ACTINOMYCOSIS

SIR,—The paper by Mr. Dorling and Mr. Eckhoff in your issue of Dec. 7 provides valuable confirmation of earlier reports that actinomycotic infections are amenable to chemotherapy ; but even more interesting is the conclusion that may be drawn that abdominal actinomycosis is commoner than usually supposed, since the five cases in this series were observed in one hospital during a period of 13 months. Of case 2 which was under my care during his stay in Lewisham Hospital Mr. Dorling states that it was typical of severe abdominal actinomycosis. But the characteristic indurated mass infiltrating the abdominal wall and discharging through multiple sinuses was absent, and in my opinion the case was clinically indistinguishable from gangrenous appendicitis complicated by a residual abscess. It is true that a streptothrix identified as *Actinomyces bovis* was isolated from the discharge, but the possibility that this streptothrix was a non-pathogenic commensal derived from the intestinal tract (the patient had a fæcal fistula for a time) should be considered before accepting the case as one of abdominal actinomycosis.

Winchester. G. C. D. ROBERTS.

Public Health

Tuberculosis in Wales

THE twenty-eighth annual report of the King Edward VII Welsh National Memorial Association shows that the expenditure in 1938–39 was £331,000 and that the Minister of Health considers an estimated expenditure of £405,000 for 1940–41 to be reasonable. As Wales was—and still is—almost entirely a receiving area, the association wished to know the position in regard to the cost of treatment of tuberculous evacuees. The minister holds that, since it is the duty of the association to cater for all persons found to need treatment while resident in Wales and Monmouthshire, it must carry the burden itself ; he points out that until the war there was a steady migration from Wales to England and that an alteration of the law might relieve Wales during the war but would eventually act to her disadvantage. The relation of silicosis to the tuberculosis service is also raised in the report. Silicosis, not being a tuberculous disease, is obviously outside the service ; but because there is no organised means of treating silicosis, and because it is often associated with tuberculosis and requires the kind of treatment which the tuberculosis service is in a good position to dispense, there is a growing feeling that the law should be amended to enable silicosis to be included in the tuberculosis scheme. The objection raised is that it might be the thin edge of a wedge admitting all pulmonary crippling to the benefits of the tuberculosis service ; but this might well be an advantage too.

On the outbreak of war the Welsh institutions for the tuberculous, like the English, were emptied and prepared to receive war casualties. This policy was speedily changed, but for a time the country was in considerable peril from the non-return of patients who were dangerous to the population. In Wales this danger is over and the "waiting-list has long since returned to its former tragic proportions."

An interesting table compares some of the work done by the association with similar work done in England. For every 100 deaths from tuberculosis there are 804 names on the live register in Wales compared with 718 in England[1] ; there were 1568 radiographic examinations compared with 691, and 757 cases examined against 419. The number of new cases examined per 100 deaths was almost identical in both countries (155 and 156). The figures throw some light on a doubtful point : what is the true fatality of pulmonary tuberculosis ?

An increase is evident in the percentage of T.B. plus 3 cases found among admissions to institutions. In 1937 it was 40·79 ; in 1939 it was 46·31. This means an outstanding failure of the whole tuberculosis scheme and calls for exploration of its causes unbiased by political or economic considerations. Of 1103 such cases discharged from institutions only 7 were quiescent, 823 were active and 273 dead. Of 1221 new T.B. plus cases examined last year, 2 were under five years of age ; 13 between five and fifteen ; 376 between fifteen and twenty-five, and 332 between twenty-five and thirty-five. In grades, 79 were T.B. plus 1, 477 were T.B. plus 2, and 605 were T.B. plus 3. In the age-period fifteen to twenty-five there were 158 males and 208 females. In both sexes more than half the cases were in the T.B. plus 3 stage.

After this report had appeared the Communist Party of Great Britain issued a pamphlet—a sequel to one published two years ago—setting out a thirteen-point programme for the war against tuberculosis in Wales. On most points the only difference between the W.N.M.A. and the Communist Party is that the former holds that this ought to be done and will be done when we can afford it ; whereas the latter says that this must be done and the means to do it must be found at once. Other points, such as the payment of expenses, including loss of work, to enable patients and contacts to attend clinics ; special increases of U.A.B. and P.A.C. to tuberculous families ; special housing facilities, and home helps to enable women to accept institutional treatment, are acceptable in principle to all political parties ; only the means of achieving them, of paying for them, and the rate at which they can be introduced are controversial.

Infectious Disease in England and Wales

DURING THE WEEK ENDED NOV. 23, 1940

Notifications.—The following cases of infectious disease were notified during the week : smallpox, 0 ; scarlet fever, 1750 ; whooping-cough, 2324 ; diphtheria, 1366 ; enteric fever, 26 ; measles (excluding rubella), 13,561 ; pneumonia (primary or influenzal), 713 ; puerperal pyrexia, 131 ; cerebrospinal fever, 139 ; poliomyelitis, 33 ; polio-encephalitis, 2 ; encephalitis lethargica, 4 ; dysentery, 91 ; ophthalmia neonatorum, 67. No case of cholera, plague or typhus fever was notified during the week.

The number of civilian and service sick in the Infectious Hospitals of the London County Council on Nov. 29 was 1762, including : scarlet fever, 296 ; diphtheria, 260 ; measles, 594 ; whooping-cough, 69 ; enteritis, 41 ; chicken-pox, 183 ; erysipelas, 49 ; mumps, 25 ; poliomyelitis, 1 ; dysentery, 4 ; cerebrospinal fever, 28 ; puerperal sepsis, 9 ; enteric fevers, 9 ; german measles, 2 ; other diseases (non-infectious), 70 ; not yet diagnosed, 122.

Deaths.—In 126 great towns, including London, there was no death from smallpox, 2 (0) from enteric fever, 5 (0) from scarlet fever, 13 (0) from whooping-cough, 25 (3) from measles, 42 (3) from diphtheria, 35 (3) from diarrhœa and enteritis under 2 years, and 25 (2) from influenza. The figures in parentheses are those for London itself.

Birmingham reported 2 deaths from enteric fever. There were 12 fatal cases of measles at Liverpool. Deaths from diphtheria were scattered over 22 great towns, Liverpool reporting 6, Plymouth and Swansea each 4.

The number of stillbirths notified during the week was 176 (corresponding to a rate of 37 per thousand total births), including 9 in London.

1. The Welsh figures are for 1937, those for England are for 1938.

Obituary

ROBERT HOWDEN

D.SC. DURH., M.B., C.M., LL.D. EDIN.

THE death of Emeritus Professor Robert Howden at Crieff, Perthshire, on Dec. 7 removes one of the great anatomists of the last generation. Born at Braco in the same shire in 1856 he studied at Edinburgh University, qualifying with high honours in 1884 and then demonstrating in the dissecting room. After some study at Leipzig he became one of Sir William Turner's young men until, like so many others trained by that grand old man, he crossed the border to teach anatomy in an English university. In 1889 he was appointed lecturer at the University of Durham college of medicine, and four years later became the first professor of anatomy at Newcastle. His appointment coincided with the opening of the new college buildings which were some of the best of the period, only vacated in 1938. There he built up the tradition of sound anatomical teaching brought with him from Edinburgh, and contributed largely to the growth and success of the Newcastle school, then at a crucial stage of its development. Of his teaching an old (indeed his first) demonstrator writes: Howden came to the college in my final year and lectured to us on surgical applied anatomy. At these lectures there was always the beautifully dissected region, and this was shown to us with vigour and energy, helped by quick drawing on the board and every variety of diagram and model. In the dissecting room, when he went his round of the tables, he showed extreme dexterity and quickness in making all the structures appear clearly, finding with a few touches of the knife such slender nerves as the branches to the palmaris brevis and the pectineus. He seemed to impart to the students some of his quickness and vigour, bringing order out of chaos both in the student's mind and in the room itself. And he was always concerned about the welfare of his students. Some wayward ones, after a visit to his room, mended their ways; I wondered what he said to them. To me he seemed like one of Carlyle's heroes—a man full of boundless energy, tireless and unceasing work.

During those early years in Newcastle Howden was the only full-time member of the staff, and it was inevitable that the administrative duties so frequently placed on the shoulders of the anatomist should descend upon him, so that in due course he became secretary, dean of the faculty of medicine and registrar. In these multiple capacities, wrote Grey Turner in his history of the school, Howden gradually assumed a position something like that of a dictator, adding "as far as the students were concerned he was a wise and considerate dictator." Both as professor of anatomy and as college official he was for many years a father to the college of medicine, and through the generations of students who came under the searching but kindly eye of "Bobby", he exercised a profound influence on the medical profession in the North of England.

Despite his teaching and manifold administrative activities Howden still found time to edit Gray's Anatomy, being responsible for seven successive reissues of that tome, and through this medium his influence spread over a far wider field. His wide knowledge and attention to detail did much to maintain and enhance the prestige of this textbook. He was also responsible for the section of Cunningham's Textbook of Anatomy dealing with the special senses. From 1914 to 1916 he was president of the Anatomical Society of Great Britain and Ireland. For the ten years 1918-28 he represented the University of Durham on the General Medical Council, and he examined in anatomy for many universities.

Howden was a lovable and generous man, always helpful to his juniors and never too busy to give a word of advice or encouragement. He enjoyed golf, fishing and curling, and was happiest when a timely frost enabled him to put the stone for an hour or two. He was a lively raconteur, particularly when the presence of Edinburgh contemporaries loosed his tongue, and his successor in the Newcastle chair recalls with gratitude many pleasant evenings spent with him and Arthur Thomson when one would vie with the other in reminiscences of an even earlier generation. Both the university of his adoption, of which he was pro-vice-chancellor in 1926, and his own university conferred honorary degrees upon him.

Professor Howden married in 1899 Gertrude Mary, daughter of J. O. Scott, of Newcastle. He is survived by his widow, three sons and two daughters.

Sir Thomas Oliver writes: Howden had foresight and he looked ahead. He possessed the gift of knowing what he wanted, and the means of expressing his views, which, as some of these were frequently of the nature of reforms, did not always meet with immediate acceptance; but we all felt that in what he said or did the things he had at heart were the interests of the college and the welfare of the students. He was an excellent teacher, for he knew his subject, and like most of his confrères could draw beautifully and accurately with chalk on the blackboard. When he was about to bring out a fresh edition of Gray's Anatomy, he had the artist for weeks by his side in the college, so careful was he about the minutest details. To students entering on their college life he was a kind and reliable guide; he was quick to recognise their good points and to encourage them, but he had no place for idlers.

He proved himself an excellent dean of the college; the members of the teaching staff recognised this and the students felt it. He was a good golfer and took part in many of the matches of university and hospital teachers. He was also a keen and successful fisherman, and made many friendships by the manner in which he handled the rod. To Mrs. Howden and her family the sympathy of his colleagues and his widely scattered pupils is extended.

WILLIAM WALLACE

M.D. GLASG., F.R.A.M.

Dr. Wallace would count as a notable example of Moynihan's medical truants, were it not perhaps truer to say that he indulged in medical studies while his musical genius was developing. Son of James Wallace, medical officer of health for Greenock, he was educated at Fettes College, Edinburgh, and graduated from Glasgow University in medicine in 1885, taking his doctorate with high distinction three years later, having in the interval been resident at the eye infirmary with the intention of making ophthalmology his specialty. During this period he lectured on premedical subjects at the Glasgow dental school, he joined the Glasgow Philosophical Society, and he defined his reasons for rejecting physiochemical theories of the origin of life. He then spent two years as clinical assistant at Moorfields before laying aside medicine for music. His earliest orchestral work, claimed to be the first symphonic poem by a British composer, was produced at the Crystal Palace in 1893 and it was followed by other works of which the most famous was Villon, played in 1910 by the Philharmonic Society. By undergraduates he was welcomed as the writer of Freebooter's Songs. Surprisingly he returned to medicine in the last war, becoming eye specialist at the Colchester Military Hospital and later at the 2nd London General Hospital. The water-colour drawings of eye injuries in the Army Medical War Museum are a permanent record of his versatility. After the war he devoted himself wholeheartedly to music, becoming secretary of the Philharmonic Society, and dean of the faculty of music in London University. He married Ottilie Helen, sculptor, daughter of Lord McLaren, senator of the College of Justice, Edinburgh.

Colonel A. G. THOMPSON who died at Redruth on Dec. 11 was born in Islington in 1867 and educated at Edinburgh where he graduated M.B. in 1891. The following year he received his commission as surgeon

lieutenant in the army and was promoted surgeon captain in 1895. He served in the South African campaign of 1902 and was awarded the Queen's medal with two clasps. In 1904 he became major and during the last war he served with distinction in France, being mentioned five times in despatches and awarded the C.M.G. and the D.S.O. He retired in 1919 with the rank of colonel.

Surgeon Lieutenant B. H. BRINDLE was among those who lost their lives when H.M.S. *Forfar* was sunk by enemy action. He joined the R.N.V.R. only a few weeks ago, after returning from a voyage to Australia as ship's surgeon. He graduated at Liverpool in 1938 and afterwards held resident posts at the David Lewis Northern Hospital and at Walton Hospital, Liverpool. He is the first casualty among the graduates of his year, many of whom are in the Services. His brother, Mr. W. S. Brindle, F.R.C.S., is at present serving as a major with the R.A.M.C.

Parliament

BEFORE rising for the Christmas recess Parliament transacted a considerable amount of useful business. Perhaps the most important item was the second reading debate on the War Damage Bill, an urgent measure which is designed to provide reasonable compensation for those whose property or goods are destroyed or damaged as a result of enemy action. Since the Weir Committee failed to make any recommendation to meet what was generally expected, sooner or later, to be a clamant need, there has been a widespread public demand that the Government should themselves take the matter in hand. The growing intensity of enemy air attacks on this country—and especially on London—in the past month or two has strengthened the case for immediate action. But unfortunately the complexities of the problem have been so great that much valuable time has been occupied in devising a workable scheme. Even now it is admitted that the scheme finally decided on is by no means logical or perfect. All that its authors claim for it is that it is the best that can be produced in existing circumstances as the result of long consultations with those best qualified to offer expert opinion on the knotty legal and insurance points involved. As such, the Government's plan met with general acceptance in the House of Commons. Criticisms were offered in plenty by members of all parties, but they were friendly criticisms, and everyone seems anxious that the measure should become law as quickly as possible.

The measure gives a general exemption from liability to contribution in respect of properties owned by charitable bodies, such as hospitals and almshouses, and charitable institutions for advancement of education, science or research will be charged only a third of the normal rate for the buildings they occupy. In the case of such charities the Chancellor of the Exchequer explained the right to compensation paid by the state will not be absolute, but the Government will confer with the authorities concerned with a view to reaching a reasonable solution of their difficulties and providing a fair settlement.

Compensation for Civilian War Injuries

In the House of Commons on Dec. 18 Sir Kingsley Wood made a statement indicating extensions of the personal war injuries scheme for civilians. He said the Government had decided to extend the disablement provisions of the Personal Injuries (Civilians) Scheme to include the whole adult population and not only those who were members of civil-defence organisations or were gainfully occupied. They would also increase the injury allowances (payments for temporary incapacity) under the scheme for all classes of gainfully occupied persons and unpaid civil-defence volunteers injured on duty so as to make them comparable with the maximum amount of compensation payable under the Workmen's Compensation Act. The injury allowances at present payable to civil-defence volunteers and gainfully occupied persons would therefore be increased to the following weekly rates:

	Not in hospital	In hospital
Married men	35*s.*	35*s.*
Single men	35*s.*	24*s.* 6*d.*
Women	28*s.*	17*s.* 6*d.*

The Minister of Pensions would have discretion to pay the higher rate to a single man or woman in hospital if he or she had been regularly maintaining a home for wholly dependent relatives. The following weekly rates would be payable to persons not gainfully occupied:

	Not in hospital	In hospital
Married men	21*s.*	10*s.* 6*d.*
Single men	21*s.*	10*s.* 6*d.*
Women	14*s.*	7*s.*

Pensions would be payable to persons of this class in respect of serious and prolonged disablement at rates similarly proportioned to the pensions of gainfully occupied persons.

In addition, the Government felt that special consideration was required for a widow in view of the immediate cessation of her husband's earnings and that provision should be made for the widow of a civilian worker or of a civil-defence volunteer comparable to the provision for a widow of a serving soldier. They had therefore decided that such a widow should be paid an inclusive allowance (where more favourable) of 50*s.* per week for the first ten weeks following her husband's death if he was killed by war injury or war-service injury or died whilst receiving injury allowance in respect of such injury. This provision would apply to the widow of an unpaid civil-defence volunteer killed on duty even though he was not a gainfully occupied person. Furthermore, they had decided that the funeral grant of £7 10*s.* 0*d.* which is now paid in respect of the privately arranged funeral of a civil-defence volunteer should be extended to the widow of a civilian worker. The Minister of Pensions would have discretion to pay the funeral grant in respect of a single man or woman to a wholly dependent relative for whom he or she had been regularly maintaining a home.

The Government considered that this scheme was preferable to a supplementary state insurance measure which had, moreover, many difficulties. It was not intended, however, to prejudice the rights of persons where the existing contract of service and conditions of employment provided for supplementation; neither did the Government see any objection to private persons effecting individual assurances with the insurance market, but they were opposed in principle to systems of group insurance against war risk.

Shelter Problems

Lord Horder met a committee of private members at the House of Commons on Dec. 17 to discuss health problems in connexion with air-raid shelters. Sir Francis Fremantle, who presided, invited Lord Horder to amplify various recommendations in the report of his committee recently published as a White Paper. There followed a long series of questions and it was decided to hold a further meeting for consideration of these matters after the Christmas recess.

QUESTION TIME

Lord Lothian's Death

Sir HENRY MORRIS-JONES asked the Under Secretary of State for Foreign Affairs whether he had received, from our embassy at Washington, a detailed account of the illness which caused the lamented sudden death of the Marquis of Lothian, our ambassador to the United States of America.—Mr. BUTLER replied: Yes, sir. According to accounts received from H.M. Embassy at Washington, Lord Lothian's death was due to toxic poisoning which affected his heart.

Diphtheria Toxoid for Practitioners

Major HEILGERS asked the Minister of Health if, in order to secure the immunisation of as many children as possible, as stated in Ministry of Health circular 2230, he could allow private practitioners to whom application was made by parents to receive supplies of diphtheria toxoid through the responsible medical officer of health.—Mr. MACDONALD replied: I am advised that the immunisation of children against diphtheria in the large numbers which I desire can be most expeditiously achieved by means of sessions at selected places where children can be assembled in convenient numbers. The free supply of material to local authorities is in a form convenient for this and not for distribution to private medical practitioners.

Immune Carriers

Mr. GROVES asked the Minister whether he had considered the danger of persons immunised against diphtheria and

enteric fever becoming carriers of the germs of these diseases; and what steps he proposed to take to secure that these preventive expedients did not lead to an increased spread of the diseases in question.—Mr. MACDONALD replied: I am advised that when a majority of the child population have been immunised against diphtheria the danger will for all practical purposes disappear. There is no evidence that a community a portion of which has been immunised against enteric fever contains a greater proportion of carriers than one not so immunised.

Mobile First-aid Units

Replying to a question Mr. MACDONALD said: The average number of occasions on which a mobile first-aid unit has been sent to an incident in London during October and November is 4·4. In addition, the doctor, usually accompanied by a nurse, has been sent out without the rest of the unit on 5·3 occasions on the average, making a total of approximately 10. Up to the present these units have been used rather less than was expected, but their use, which has proved of great value, must of course depend upon the nature of the incidents. The nursing personnel are available to help in the work of the hospital or first-aid post on which the unit is based and to reinforce neighbouring first-aid posts when necessary.

Medical Officers in Air-raid Shelters

Mr. LINDSAY asked how many boroughs within the London region had now provided a medical officer in charge of shelters, a canteen or catering officer to supervise communal feeding, and a shelter welfare officer.—Mr. MACDONALD replied: 32 boroughs have made arrangements under which doctors are present in shelters all night, or pay regular visits, or are on call if required, the exact nature of the arrangements depending on the size of the shelter. 8 boroughs have appointed doctors to the staff of the M.O.H. to assist him in the regular inspection of shelters. The second part of the question is a matter for the Minister of Food, the third part for the Minister of Home Security; but I understand that an officer to deal with general shelter amenities, including food, has been appointed in 24 boroughs. As regards shelter welfare officers I am informed that whilst boroughs have not been required to appoint such officers one or two boroughs have done so.

Surgery Hours

Captain PLUGGE asked the Minister whether he was aware that panel doctors had, in many cases, made no attempt to adjust their consulting hours to black-out conditions and that in consequence very few insured persons attended evening surgeries; and what steps he proposed to take to remedy this.—Mr. MACDONALD replied: At the outbreak of war my department recommended insurance committees to review the arrangement of surgery hours, having regard to the restriction of lighting and other war conditions. I have no reason to think that there is, at the present time, any general dissatisfaction as to surgery hours, but I shall be glad to inquire into any complaint.

Protection of Panel Practices

In reply to a question Mr. MACDONALD said he understood that insurance medical practitioners who had suffered hardships by reason of air-raids were receiving every possible assistance from the insurance committees and their professional colleagues. Where his approval would be necessary to an extension of the Protection of Practices Scheme in operation in any area to cover practices which are in temporary abeyance as the result of air-raids, he would be prepared to consider the matter on application from the insurance committee.

Day Nurseries

In reply to Mr. THORNE, Mr. MACDONALD said the number of day nurseries established under the normal M. & C.W. arrangements before the war was 103. The average cost was estimated at 3s. per child per day, towards which the mothers were expected to contribute what they could afford. Most of these nurseries had been evacuated from the towns and had become residential homes. 23 day nurseries (with 995 places) for the young children of mothers who were munition workers had now been approved.

Protection against Typhoid

Mr. BROOKE asked the Minister whether he would make it possible for all persons who so desired to get themselves inoculated against typhoid fever free of charge or at a nominal cost.—Mr. MACDONALD replied: I have recently authorised all local authorities to provide free facilities for inoculation against fevers of the typhoid group, and I have arranged for supplies of the vaccine required for this purpose to be issued to the authorities at the cost of the Exchequer.

Fortified Flour

Mr. DE LA BÈRE asked the Parliamentary Secretary to the Ministry of Food whether he was now in a position to make some further statement regarding the Government proposals to introduce vitamin B1 into the bread supply to the public throughout the country.—Major LLOYD GEORGE replied: Yes, sir. An advisory committee, including scientists and representatives of the various trade and other interests involved, has been appointed for consultation on administrative and technical questions arising in connexion with the introduction of synthetic vitamin B_1 and calcium into white flour. The committee have held two meetings and made recommendations on numerous matters of principle and detail. At the same time negotiations have been proceeding with manufacturers and potential manufacturers of aneurin, with the result that I am able to confirm that it is expected that the distribution of fortified flour on a national scale will commence next spring.

In reply to a further question Major Lloyd George said that at the moment one commercial firm and one only was in a position to produce aneurin; other firms were getting ready.

Medical News

University of Cambridge

At recent examinations the following were successful:—

FINAL EXAMINATION FOR M.B., B. CHIR.

Part I: surgery, midwifery and gynæcology.—P. H. Abbott, P. S. Barclay, R. F. Bates, R. I. S. Bayliss, S. L. Binderman, M. Q. Birkbeck, W. W. Brigden, W. R. Burkitt, A. E. Burns, D. Caddy, D. S. Cadman, W. E. Church, E. D. H. Cowen, D. Currie, R. Daley, J. O. W. Dick, J. P. Donnell, W. M. M. Douglass, J. R. Ellis, A. G. Farr, J. Foley, G. C. Franklin, R. B. Franks, E. H. M. Gillieson, N. Gillman, S. C. Gold, E. C. E. Golden, J. I. Hallinan, P. A. S. Hargrove, B. M. Heap, F. H. Howarth, A. D. Husband, G. T. James, M. D. King, A. Kinnier Wilson, E. F. Laidlaw, S. E. Large, A. G. Leishman, L. A. Little, J. F. Lucey, G. M. Lunn, F. N. Macnamara, O. D. Macnamara, W. D. Mail, A. E. de la Mallett, D. E. Marmion, R. Martlew, J. G. Mathewson, S. L. Melville, D. T. Milnes, J. N. Milnes, G. A. Mott, H. H. Nixon, J. F. North, M. S. M. Palmer, G. H. Parkinson, J. Perrin, M. T. Phells, G. F. Purves, E. S. Reed, W. J. B. Rogers, K. B. Rooke, C. S. Savage, F. E. T. Scott, R. D. Scott, W. M. Scott, C. G. R. Sell, J. W. Shrimpton, A. W. Simmins, J. A. Smith, J. M. Stansfeld, G. O. Storey, W. H. Tattersall, J. G. Thurston, A. J. H. Tomlinson, A. B. Unwin, I. G. Wickes, A. H. Widdup, J. J. Wild, J. O. D. Williams, and W. B. Young.

University of Aberdeen

On Dec. 17 the following degrees were conferred:—

M.D.—*A. R. R. Cumming.

M.B., Ch.B.—J. C. Bowie, T. B. Davidson, D. A. Grant, E. S. Gray, E. G. Hendry, P. M. Jackson, M. O. C. Jones, A. W. McBain, Norman Menzies, William Slater, William Stewart, Peter Tytler, M. G. Valentine.

* Commended.

At a meeting of the Royal College of Surgeons of Edinburgh held recently with Dr. H. M. Traquair, the president, in the chair, the following were admitted to the fellowship:—

L. H. Aitken, M.B. N.Z., A. S. Dill-Russell, M.B. Lond., C. J. H. Gibson, M.B. Sydney, Conrad Latto, M.B. St. And., C. T. Moller, M.B. Witwatersrand, Elizabeth McCallum, M.B. Edin., G. D. McDowall, M.B. Edin., I. A. M. MacLeod, M.B. Edin., M. S. Nirankari, M.B. Punjab and Henry Wapshaw, M.B. Glasg.

Lieutenant D. A. Draffin, M.B. Belf., R.A.M.C., who was previously reported missing, is now reported prisoner of war.

The military cross has been awarded to Major W. D. Jackson, M.B. Edin., R.A.M.C., and Lieutenant M. T. Read, M.R.C.S., R.A.M.C.

The nursing recruitment centre, which was opened by the Fund in April at 21, Cavendish Square, W.1, has dealt with some 2000 inquiries on hospital training, and conditions and prospects in the nursing profession. Talks on nursing as a career were arranged at 16 schools, information on pre-nursing courses throughout the country has been compiled, and advertisements and articles have been placed in newspapers and periodicals. The matrons of the 85 hospitals in the Fund's area which are approved as training schools have coöperated in the work of the centre and some of the large teaching hospitals have referred to the centre candidates they were unable to accept. Some 300 candidates have been already placed by the centre.

Owing to war conditions the Industrial Health Education Society has resolved to wind up its work in arranging for talks on the requirements for industrial health. The work

started in Scotland in 1927, a few years later it spread to England, and an average of 400 talks were arranged each year all over the country. At a meeting held in Edinburgh, it was resolved, that the remaining funds of the society should be handed over to the British Medical Association to establish a Mackenzie lectureship on industrial hygiene, called after Mr. James Mackenzie, who began the work and continued as organiser of the society.

The Margaret Ogilvie readership in ophthalmology in the University of Oxford which is held in conjunction with the post of senior surgeon at the Oxford Eye Hospital will be vacant on Sept. 30 next. The duties of the reader include original research and teaching. With the expansion of the Oxford medical school as a result of Lord Nuffield's benefaction, it may be expected that the scope of the readership both on the research and on the teaching side will be enlarged. It is understood that the board of electors proposes to advertise the vacancy early in 1941 and that full particulars will then be given, especially of the facilities for research which will be provided.

Since the course of training for midwives has been divided into two parts it has become apparent that, though the entries for the first part are satisfactory, there are not sufficient pupils taking the second part to maintain an adequate supply of practising midwives. Many nurses who wish to study midwifery but who do not intend to practise it take the first part, and in order to encourage more pupils to proceed to the second part of the course the Minister of Health is revising his system of grants to recognised training schools. In future all candidates entering for the second period of training will be eligible for a grant for the first period, and candidates who complete the second period will receive a grant without being asked to sign an undertaking to practise. As the grants are given to help the pupil midwives, the minister will not recognise a training school unless he is satisfied that the grants are being handed on to the pupils, either as salaries or as a reduction in fees.

King Edward's Hospital Fund has made a Christmas distribution of £300,000 to the London voluntary hospitals. This brings the total amount distributed by the Fund since its foundation in 1897 to over £10,000,000. Twenty-two additional hospitals will benefit from this year's distribution as the King's Fund area has been extended to cover the whole of the metropolitan police district.

The Ross Institute of Tropical Hygiene has returned to Keppel Street, Gower Street, London, W.C.1.

CORRIGENDUM.—In the annotation on sulphathiazole as a urinary antiseptic, on page 752 of THE LANCET of Dec. 14, the urinary concentrations found by Pool and Cook should have been given as ranging from 16·8 to 222 mg. per 100 c.cm.

Births, Marriages and Deaths

BIRTHS

BYNOE.—On Oct. 22, at Singapore, the wife of Dr. M. L. Bynoe, Malayan Medical Service—a son.

HADDEN.—On Dec. 18, at Bournemouth, the wife of Captain W. E. Hadden, M.B., the Nigeria Regt., seconded from Colonial Medical Service—a daughter.

HOLLINS.—On Dec. 18, at Lancaster, the wife of Dr. Charles Hollins, Colonial Medical Service—a son.

SCHULENBERG.—On Dec. 16, at Farningham, the wife of Mr. C. A. R. Schulenburg, F.R.C.S.—a daughter.

MARRIAGES

FRENCH—TAYLOR.—On Dec. 17, at Burgh Heath, Edward Brodie French, M.R.C.P., to Barbara Yvonne Taylor.

TAYLOR—LAUDER THOMSON.—On Dec. 19, in Edinburgh, Arthur W. Outram Taylor, M.B., Captain R.A.M.C., to Helena Scott Lauder Thomson, M.B.

TEMPLETON—MORGAN.—On Dec. 16, at Fairlight, Sussex, William Templeton, M.B., of Chichester, to Winifred Morgan.

DEATHS

COXWELL.—On Dec. 19, Charles Fillingham Coxwell, M.D. Camb., M.R.C.P., aged 83.

DELBRUCK.—On Dec. 15, at Newquay, Cornwall, Raoul Ernest Delbruck, M.B. Camb., of Cromwell Road, S.W.7.

GREY.—On Dec. 17, at Hexham, Northumberland, Thomas Campbell Grey, F.R.C.S., aged 73.

HENDERSON.—On Dec. 17, at Parkstone, William Savile Henderson, M.D., Lpool.

MARTINDELL.—In December, 1940, at Singapore, Ernest Walter Martindell, M.D. Lond., D.T.M. & H., D.R.C.O.G.

PROUDFOOT.—On Dec. 20, Frank Grégoire Proudfoot, M.A. St. And. & Oxfd, M.D. Edin., Colonel A.M.S., T.A., consulting obstetric physician to the Radcliffe Infirmary, Oxford, aged 71.

WALLACE.—On Dec. 16, William Wallace, M.D. Glasg., F.R.A.M., aged 80.

Notes, Comments and Abstracts

BOMBS OR HEALTH?

Mr. John Audric, headmaster of Brockham Green School, Surrey, writes: Education in the vulnerable areas such as the industrial north, certain south-coast towns and London, must be a serious business, and the imagination of directors of education and teachers has been tested to the full. There are, however, towns which so far have entirely escaped aerial attack. Others which have had bombs have not been singled out as a target, but have been damaged when an enemy pilot unloaded his bombs in an attempt to escape. But this has also happened in villages remote from any military target. Indeed, many have suffered more than their neighbouring urban areas. The town schools have shelters and use them; the village schools without shelters carry on hoping for the best, and rely on the protection to be found in corridors, under desks, or behind wired windows.

This winter promises to be severe, and in less dangerous urban areas there are too many schools with an over-developed siren-complex. The wail of the siren is the command for a rapid exodus from the warm classrooms and a procession to the shelters. These shelters were miserable enough in the summer; they are already many times worse, and will become more so as winter wears on, when the children will be forced to shiver in the cold and gloom. Many children do not have too liberal a breakfast, and worse, this meal may have been hasty, especially if it has followed or preceded a paper round. Others are not too strong, and were in pre-war days the regular habitués of their council's clinic.

Schools in the safer urban areas must choose between chance bombs or health. Today, very few shelters have heating installed; only a small number have efficient lighting and hurricane lamps must be used. Though safer than the school building they are not safe from a direct hit. At night they are used by the public, and many have been left in a disgusting condition. Infested bedding has been brought in, and people suffering from infectious diseases have been known to spend their evenings there. The ventilation problem has not yet been solved. These are the havens some children have to use whenever the siren wails.

On the educational side it is useless to pretend that much that is useful can be done. School magazines and journals bravely print photographs of classes in art, but one is inclined to be sceptical when it is remembered that the equipment used by the children has to be removed at night to allow the general public right of entry, and that if the children do leave their classrooms immediately the warning is sounded their progress to the shelter must indeed be leisurely if all the apparatus in the photographs is gathered up and taken down. I know of scores of schools where ever since war was declared whole sessions have been spent in shelters and yet not a bomb has fallen anywhere near them. What, then, is the balance-sheet of their educational achievement?

In the village schools which have often no greater immunity from attack than their neighbours in the towns, education has proceeded normally, and the health of the child has been unimpaired. The village boy or girl has already distinct advantages, both physical and academic, over his town neighbour.

To the present school population will fall the task of putting the world in order after this war, and they must not store up in their young bodies a legacy of ill health. Parents do not demand the elaborate security the teachers enforce. During holidays they allow their sons and daughters to go walking and shopping, even to the pictures, regardless of all the sirens in the locality. While no-one would dare to suggest that grave risks should be run by children in our established danger zones, the children of our less dangerous areas are paying too great a price for their safety in their daily processions to shelters.

Messrs. BAYER have produced their admirable diaries again this year, with a refill for each quarter and a full page for each day. In addition there is a section provided for brief entries called "Two Years at a Glance" which encourages one to make plans as far ahead as January 1943.

DIPHTHERIA GRAVIS IN IRELAND

OUR Dublin correspondent writes: An interesting communication was made to the Royal Academy of Medicine in Ireland, at its meeting on Dec. 13, by Dr. C. J. McSWEENEY, medical superintendent of the Dublin Fever Hospital, and Dr. R. A. Q. O'MEARA, acting professor of bacteriology, Trinity College. On many occasions in recent years Dr. McSweeney had drawn attention to the high incidence in Dublin of a severe type of diphtheritic infection—diphtheria *gravis* or "hypertoxic diphtheria"—on the course of which the ordinary commercial antiserum had little effect. Over 100 deaths from diphtheria occur annually in Dublin, nearly all, Dr. McSweeney states, from this type of the disease. Dr. O'Meara had found that "Park Williams No. 8" toxin, which is used for the production of commercial serum, does not reproduce in animals anything comparable to what is found in severe clinical diphtheria in human beings. When, however, he added some toxin obtained from gravis strains in Dublin he was able to reproduce in animals conditions very closely resembling those found in severe diphtheria. Dr. O'Meara is of opinion that a serum, to be efficacious in the treatment of diphtheria gravis, must be rich in this second factor, which he calls "anti-B substance." He was able to obtain a small quantity of serum rich in this factor, and it was used on 16 cases of exceptionally severe hypertoxic diphtheria. Only one of these patients died, although the average mortality in cases of a similar type in recent years had been nearly 50%. The small number of cases in which the serum was employed was due to the fact that the supply of the serum was very limited, but even within these small numbers the result was dramatic. Dr. O'Meara will continue his researches, and hopes to be able to obtain a larger supply of this special serum, the effects of which he can then test on a more extensive field.

BUGS FOR THE MILLION

IF the popular demand for superficial knowledge on medical matters is to be met at all it is well that it should be met by experts. In "Man, Microbe and Malady" (Pelican Books. Pp. 218. 6*d*.) Dr. John Drew has undertaken the task for bacteriology, and, in a score of short but admirably lucid chapters, has covered much ground with remarkable thoroughness and accuracy. He describes and discusses the various types of pathogenic bacteria, how they invade human tissues and how they may be circumvented and destroyed. There are chapters on specific infections of the various systems, on resistance and immunity, and on water and milk as sources of human bacterial disease. The chapter on milk is of sufficient importance to warrant its publication and widespread distribution as a separate pamphlet. It should be rammed down the throat of every public-health authority. Especially topical and interesting is the chapter on the possible use of bacteria as a weapon of war. There is little to criticise but perhaps some will question the use of castor or olive oil as a dressing even for small burns. One of the best things about the book, which is illustrated with some impressive photomicrographs, is that the author has resisted the temptation to be hair-raising.

About 100 fully trained state-registered nurses have been allocated to various London boroughs for shelter work. More, either trained or auxiliary, have been supplied locally and the total available is now more than 300. The fully trained nurses receive an inclusive salary of 3 guineas a week. Hours of duty are approximately 96 a fortnight, involving alternate nights on duty while the hours of blackout are at their longest. Four part-time shelter matrons are being appointed by the Ministry of Health to visit and supervise the nursing personnel in the shelters in consultation with the medical officers.

The annual general meeting of the Ling Physical Education Association will be held at Hamilton House, Bidborough Street, London, W.C.1, on Wednesday, Jan. 8, at 11.30 A.M. After the meeting an address on the physical recreation directorate will be given by Miss P. C. Colson, organising secretary of the Central Council of Recreative Physical Training and one of the three members of the directorate. A demonstration of a new posture-recording apparatus by Mr. R. E. Roper, educational consultant, will also be given.

Appointments

COVENEY, MARGARET F., M.B. Sheff., D.P.H.: temp. asst. M.O.H. and asst. school M.O. for Hendon.
GRIFFIN, JESSIE, M.B. Edin., D.P.H.: temp. asst. school M.O. for Middlesbrough.
LATCHMORE, A. J. C., M.S. Lond., F.R.C.S.: hon. asst. surgeon to Leeds General Infirmary.
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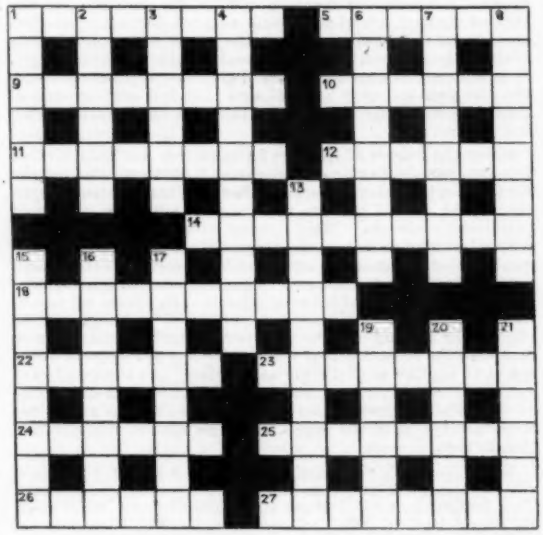

ACROSS

1. Pride of the gangsters, and quite a swell (8).
5. Traveller's early morning greeting before the hot water was laid on? (6).
9. One of the battlefields for chemotherapy (8).
10. Man, proud man, can do it with his thumb (6).
11. Twelve a day (8).
12. Left after nine amputations (6).
14. Possibly certified (10).
18. A fresh command without end for the colonel, but just another diet for the diabetic (Two words, 3, 7).
22. Satan lost in a poetical measure (6).
23. In this you'll find Amy spilt (8).
24. In England now and then (6).
25. Stimulate among the physiologists (8).
26. A highlander shares his pupils with the policeman's son (6).
27. Where hydroxyl ions predominate (8).

DOWN

1. Not quite a spirited horse—woolly, in fact (6).
2. Fi! Omit it, and this is what remains of these hospital affairs (6).
3. The moon and a morsel of cyanide are responsible for this madness (6).
4. Transport with the bowling analysis is often the result of 11 across (10).
6. Tacked on at the end but often removed (8).
7. Transfusion experts cling to it; not I (8).
8. Beware of *Claviceps purpurea* here (Two words, 3, 5).
13. Of a sea delirium where all is mixed with a centaur (10).
15. Water, water everywhere, or so the patient thinks (8).
16. Accompanies the crisis (8).
17. Found in the pyramidal layer of the cortex (Two words, 4, 4).
19. As the Latin has it, salt upon the broken road is fluid (6).
20. It and the rest in Rome turn back.
21. This Frenchman knew Watt was watt (6).

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C		E				U		A		A		R		C
			D	R	U	M		D	I	L	U	E	N	T
M		B		E						I		S		S
C	H	A	R	C	O	T		O	R	A	L			
B		C		U		O		E				S		P
U	T	T	E	R		E	S	S	E	N	T	I	A	L
R		E		R		S		T		O		L		A
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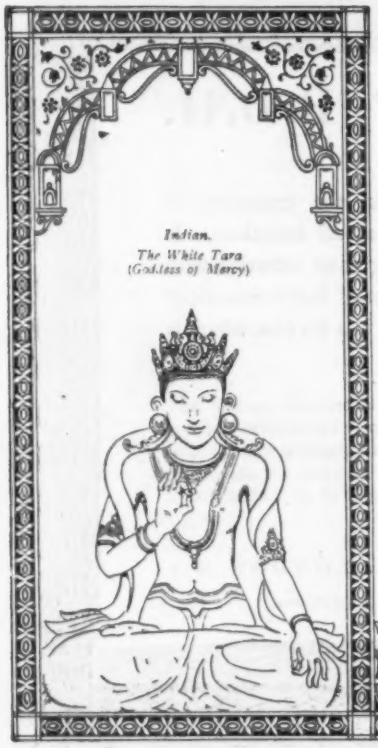

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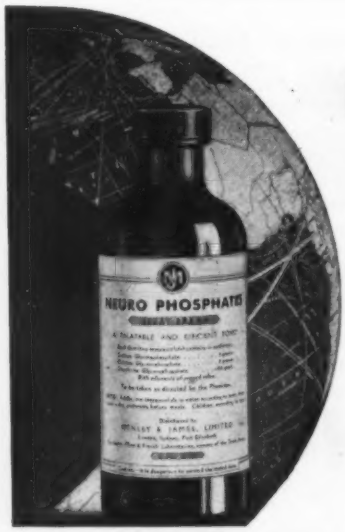

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Indications

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Dosage

Three injections of 0·5 c.c., 1·0 c.c., 1·0 c.c., respectively, at monthly intervals.

References

Ledingham (1939). *Brit. med. J.* **2**, 845.
Ledingham (1940). *Practitioner*, **145**, 89.
Maclean (1940). *Proc. R. Soc. Med.* **33**, 428 and 430.
Schütze (1940). *Lancet*, **2**, 192.

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Reference

Ramon (1937). *Ann. Méd.* **42**, 381.

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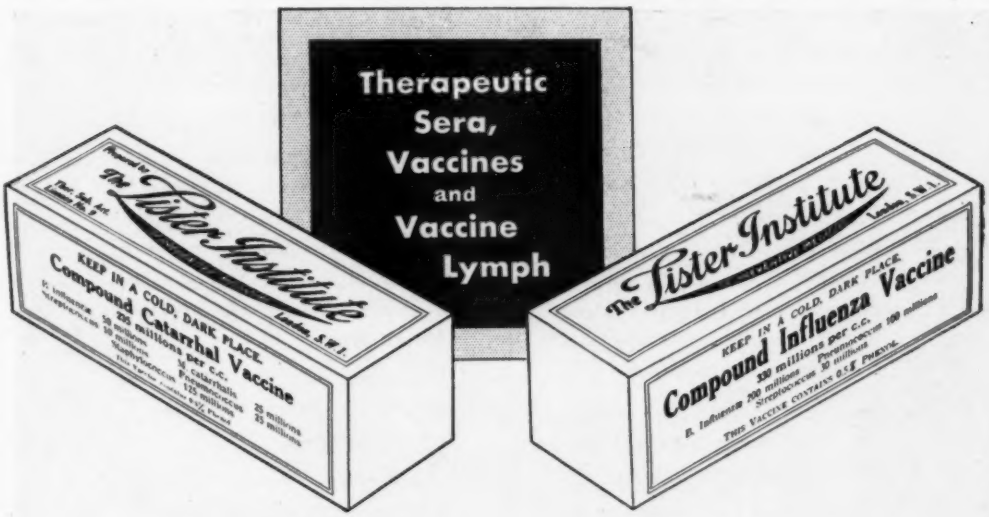

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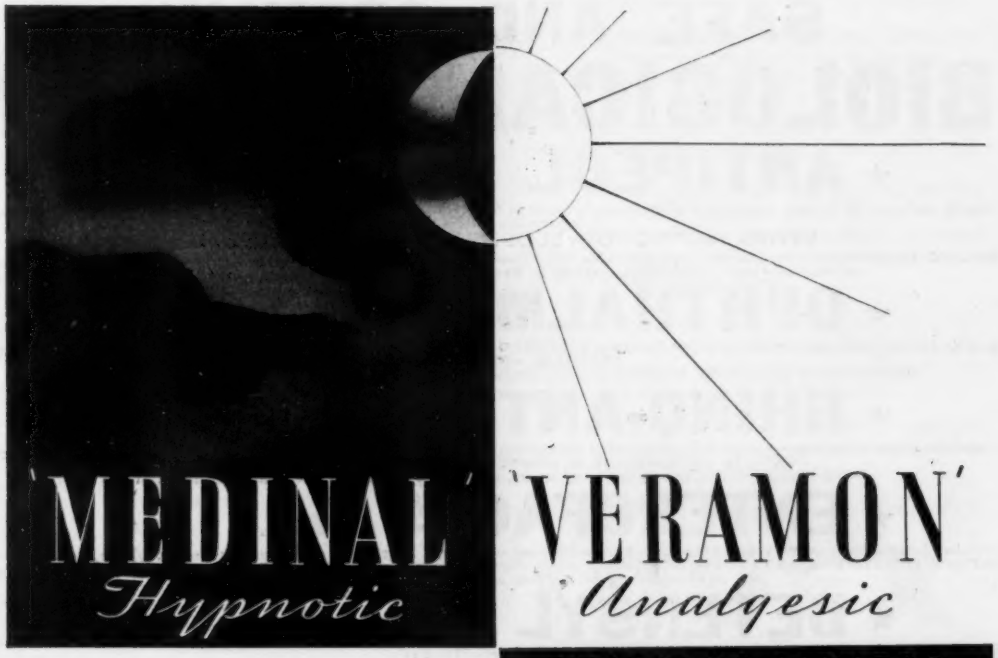

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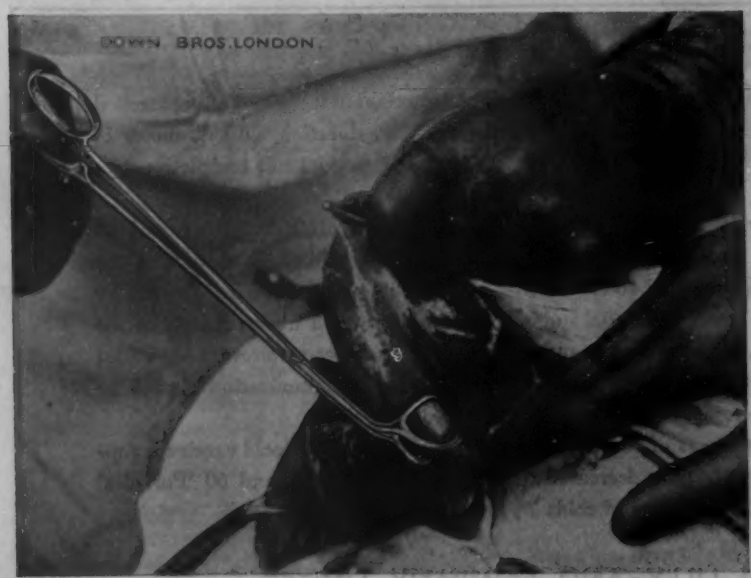

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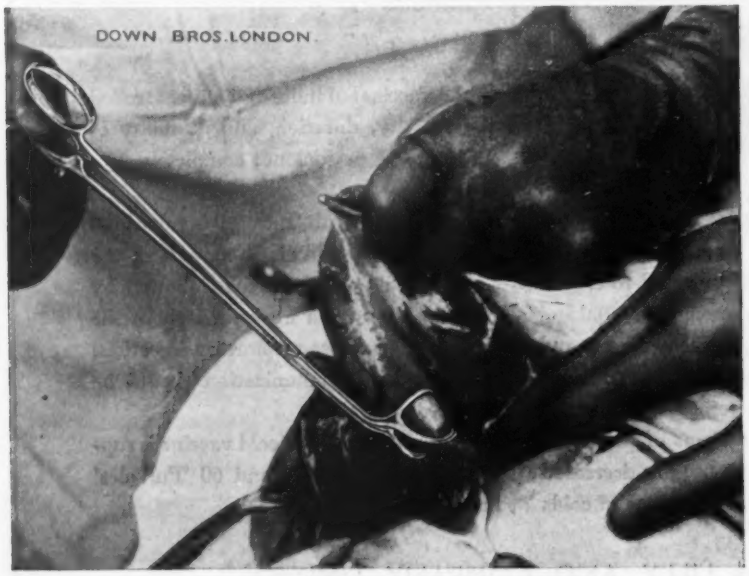

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The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to:—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone: York 3612)
who is available for consultation

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS,

NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

Med. Supt.: GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

CALDECOTE HALL

NUNEATON
WARWICKSHIRE
('Phone : Nuneaton 241)

Residential treatment of

"Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situat ed in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods

Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.

SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA
Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No.* 8 *Formby.*

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.
CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.
Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

TOR-NA-DEE SANATORIUM

Managing Director:
DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent: R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

NORTHUMBERLAND HOUSE

GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.
Telephone: Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."
For further particulars apply to the MEDICAL SUPERINTENDENT.

HOLLOWAY SANATORIUM

VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—
The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*
Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119.

STRETTON HOUSE,

Church Stretton, Shropshire.

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

PRIOR PLACE SANATORIUM

HEATHERSIDE, CAMBERLEY, SURREY

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.

RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

For Mental Cases with or without Certificates.

Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK.

ALCOHOLISM

Drug Habits, and Nervous Disorders

25 minutes from London, situated in charming grounds and country, is a "home from home" for those seeking rest and treatment under medical supervision. Fees from 6 guineas. Illustrated brochure on application to the matron.

CHISLEHURST 451

OLD HILL HOUSE

CHISLEHURST, KENT.

Hampstead General Hospital,

Haverstock-hill, N.W.3.

Applications are invited from single Medical Men, including R Practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B2) for six months, vacant 1st November next. Salary £133 6s. 8d. per annum.

Applications, on the prescribed form, with copies of three testimonials, to be returned by 21st October.

KENNETH A. F. MILES, Secretary.

East Ham Memorial Hospital,

Shrewsbury-road, E.7.

Applications are invited for the post of HOUSE PHYSICIAN (Male) (A), including R Practitioners within three months of qualification. The appointment is for six months, commencing immediately. Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, stating age, nationality, experience, and full particulars, together with copies of three recent testimonials, should reach the undersigned immediately.

REGINALD PERRY, Secretary.

British Postgraduate Medical School.

(UNIVERSITY OF LONDON.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of RESIDENT ANÆSTHETIST (B2), including R Practitioners who now hold A posts. The appointment is for a period of six months. Salary £150 per annum, with usual residential emoluments.

Applications, stating age, qualifications with dates, nationality, and previous experience, and accompanied by copies of three recent testimonials, should be sent to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12, not later than October 9th, 1940.

British Postgraduate Medical School.

(UNIVERSITY OF LONDON.)

Applications are invited from fully qualified Medical Practitioners for the post of CASUALTY OFFICER, including R Practitioners within three months of qualification, to commence duty on Monday, 14th October, 1940.

The appointment is for six months and non-resident. Salary is at the rate of £150 per annum, and the post is specially suited to candidates studying for higher qualifications.

Applications, accompanied by copies of two testimonials, should be addressed to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12, to arrive not later than Friday, 11th October, 1940.

The London Homœopathic Hospital

(Incorporated by Royal Charter),

Great Ormond-street and Queen-square, Bloomsbury, W.C.1.

CASUALTY CLEARING STATION, SECTOR IV,
EMERGENCY HOSPITAL SERVICE.

APPOINTMENT OF RESIDENT MEDICAL OFFICERS.

Applications are invited from registered Medical Practitioners, Male and Female (including R Practitioners within three months of qualification), for the appointments of Two Resident Medical Officers (A), vacant November 1st or before The appointments will be for a period of six months. Salary is at the rate of £200 per annum, including grant for emergency services, with full residential emoluments.

Selected candidates will be required to attend for interview.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to the undersigned.

L. J. KNOWLES, Secretary.

Western Ophthalmic Hospital,

155, Marylebone-road, N.W.1.

Applications are invited from registered Medical Practitioners (Male or Female) for the appointments of:—

(1) SENIOR HOUSE SURGEON (B2), including R Practitioners who now hold A posts. Previous ophthalmic experience desirable. Salary £150 per annum, with full residential emoluments.

(2) JUNIOR HOUSE SURGEON (A). Including R Practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Both appointments for six months from 1st November, 1940.

The Hospital is recognised for the D.O.M.S. examinations.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent not later than 15th October, 1940, to—

H. W. BURLEIGH, Honorary Secretary.

West London Hospital,

Hammersmith, W.6.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners for the appointment of a House Surgeon (A) to become vacant on 22nd October, including R Practitioners within six months of qualification. The appointment is for a period of six months and may be terminated by a month's notice on either side.

Salary £100 to £150 per annum, according to experience, with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th October.

H. A. MADGE, Secretary.

Resident Junior Obstetric Officer

(Woman) required by MIDDLESEX COUNTY COUNCIL for MIDDLESEX COUNTY MATERNITY HOSPITAL, BUSHEY HEATH.

RESIDENT JUNIOR ASSISTANT MEDICAL OFFICER for Obstetric duties.

Must be registered Medical Practitioners with previous Obstetric experience. Salary £250 per annum, board, lodging and laundry.

Whole-time duties as County Council may direct under supervision of Medical Superintendent and Obstetric Surgeons of Redhill County Hospital under which Maternity Hospital is administered as an annexe. Appointment primarily for six months, subject to medical examination and one month's notice.

Applications, stating age, qualifications with dates, nationality, and present post, to the undersigned. No application forms provided.

Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 12th October, 1940.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Cornwall County Council.

Applications are invited from registered Medical Practitioners for appointments as TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICERS. Commencing salary will be £500 per annum, with travelling expenses on the County Scale. Car essential.

Applications, stating age, qualifications, and experience, with copies of testimonials, should be sent to the County Medical Officer, County Hall, Truro, by the 10th October, 1940.

T. A. H. SHEERS, Clerk of the County Council.

County Hall, Truro.

INDIAN MEDICAL SERVICE

RECRUITMENT OF EUROPEAN OFFICERS

Applications are invited from Medical Men for Emergency Commissions in the Indian Medical Service. Candidates will be interviewed by a Selection Committee at the India Office in October. Selected candidates will probably be required to sail for India in January and may be required to undergo a month's course of instruction in this country before departure.

British subjects of pure European descent who are under 32 years of age and who are registered under the Medical Acts in force in Great Britain and Northern Ireland are eligible to apply.

While no guarantee can be given of permanent retention in the I.M.S. after the war, Emergency Commissioned Officers will be considered for any vacancies that may then exist in the permanent cadre. Officers whose commissions are not extended will, on demobilisation, be granted gratuities based on one month's pay for each year of service.

RATES OF PAY.

Rank and Service in Rank.	Basic Pay in Rs. per mensem.	Year of Service.	Overseas Pay. £ per month.
Lieutenant	450	1	15
Captain, during 1st year as such	500	2	25
Captain, during 2nd and 3rd years as such	550	3	25
		4	25
Captain, during 4th and 5th years as such	600	5	25
		6	30

In addition to the above rates various allowances are admissible for a number of special appointments.

All commissioned service with the Colours as a Medical Officer will count as service towards rank and seniority. Antedates in respect of hospital appointments and higher medical qualifications will be granted only in the event of an officer receiving a permanent commission at the end of the war. On appointment officers will be granted a uniform allowance of £40.

DISABILITY AND FAMILY PENSIONS.

Officers will be eligible for the same Disability and Family Pensions as are admissible to Emergency Commissioned Officers of the British Service.

LEAVE AND PASSAGES.

Leave will be granted subject to the exigencies of the service under conditions applicable to Regular British Officers. On appointment an officer is provided with free passage to India and will be eligible for a return passage on the termination of his service. If he elects to remain in India, however, conveyance will be provided for his family, if any, to join him.

Application Forms and full particulars may be obtained from the UNDER-SECRETARY OF STATE, MILITARY DEPARTMENT, INDIA OFFICE, LONDON, S.W.1. Applications should reach the India Office as soon as possible and the envelope should be marked "Medical Recruitment" on the top left-hand corner.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a HOUSE SURGEON (Male) (A) appointment required immediately. The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

West Sussex County Council.

ST. RICHARD'S HOSPITAL, CHICHESTER.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment of a House Surgeon (A), to become vacant on 22nd October, including R Practitioners within three months of qualification. The appointment will be for a period of six months, but if held by a Practitioner not an R Practitioner may be extended for a further period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, with details of any experience since qualification, and accompanied by copies of not more than three recent testimonials, should be sent to the undersigned.

T. C. HAYWARD, Clerk of the County Council.

County Hall, Chichester, 30th September, 1940.

Pontefract General Infirmary and

THE HYDES HOSPITAL. (112 Beds.)

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of a House Surgeon (A) to become vacant on 1st November, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

D. J. RICHARDS, Secretary-Superintendent.

Manchester Royal Infirmary.

BARNES CONVALESCENT HOSPITAL.

RESIDENT JUNIOR MEDICAL OFFICER (B2).

The Board of Management of the Manchester Royal Infirmary invite applications from registered Medical Practitioners, Male or Female, including R Practitioners who now hold A posts, for the appointment of the above post.

The appointment is for six months, subject to the provisions of the Bye-laws as to notice, &c. Salary at the rate of £150 per annum, with board, residence, and allowance for laundry.

Applications, stating age, qualifications with dates, present post, and nationality, with testimonials, to be sent to the Chairman of the Medical Board not later than October 14th, 1940.

By Order,

F. J. CABLE, General Superintendent and Secretary.

30th September, 1940.

Manchester Royal Infirmary.

REGISTRAR TO MEDICAL OUT-PATIENT DEPARTMENT (Non-resident).

The Board of Management of the Manchester Royal Infirmary invite applications from registered Medical Practitioners, including R Practitioners who hold hold A posts, for the appointment of Non-resident Registrar to Medical Out-patient Department (B2) now vacant. Applicants should have held a hospital appointment.

The appointment (mornings only, 9 A.M. to 1 P.M., Sundays excepted) is for six months, subject to the provisions of the Bye-laws as to notice, &c. Salary is at the rate of £150 per annum.

Applications, stating age, qualifications with dates, nationality, and present post, with testimonials, to be sent to the Chairman of the Medical Board not later than 14th October, 1940.

By Order,

F. J. CABLE, General Superintendent and Secretary.

30th September, 1940.

City of Manchester.

CRUMPSALL HOSPITAL. (1400 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the above appointment which is vacant now, including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

The salary for the appointment is at the rate of £125 per annum, with full residential emoluments, subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than October 16th, 1940.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, 30th September, 1940.

Joint Committee of the County

COUNCILS OF DURHAM AND NORTHUMBERLAND AND THE COUNTY BOROUGH COUNCILS OF GATESHEAD AND NEWCASTLE UPON TYNE.

ASSISTANT VENEREAL DISEASES MEDICAL OFFICER (Male, Temporary).

Applications are invited from Male Medical Practitioners experienced in the diagnosis and treatment of Venereal Diseases for the above whole-time appointment.

Duties include the investigation and treatment of male and female out-patients and in-patients, and commence at as early a date as possible.

Salary £500 per annum, increasing by annual increments of £25 to a maximum of £700. Appointment for duration of the war, or subject to three months' notice on either side.

Applications, stating age, nationality, qualifications, special experience in Venereal Diseases work, and other branches of Medicine or Public Health, together with copies of testimonials or references, to be forwarded not later than October 19th to the Clinical Medical Officer, Joint Committee's Clinic, Newcastle General Hospital, Westgate-road, Newcastle upon Tyne, 4, from whom further particulars may be obtained.

Runwell Emergency Hospital, near WICKFORD, ESSEX. (230 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months; otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with copies of three recent testimonials, to be sent to the Medical Superintendent.

Northampton General Hospital. (381 Beds.)

Applications are invited from registered Medical Practitioners (Male) and R Practitioners within three months of qualification for the appointment of HOUSE SURGEON AND CASUALTY OFFICER (A). If held by an R Practitioner the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence, and laundry. Candidates must be of British nationality.

Applications, stating age, qualifications and dates, with copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

27th September, 1940.

Coldeast Emergency Hospital, SARISBURY GREEN, near SOUTHAMPTON.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of a House Surgeon (A) now vacant, including R Practitioners within six months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

A. WILSON, Medical Superintendent.

Chesterfield and North Derbyshire ROYAL HOSPITAL. (220 Medical and Surgical Beds—226 War Emergency Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Male Medical Practitioners for the appointment of a House Surgeon (A), to commence immediately, for a period of six months, including R Practitioners within three months of qualification. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, Superintendent and Secretary.

30th September, 1940.

Nottinghamshire County Council.

EMERGENCY HOSPITALS.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for five appointments as HOUSE SURGEONS (A) at the under-mentioned Hospitals:—

KILTON HILL COUNTY HOSPITAL, WORKSOP .. 3
COUNTY EMERGENCY HOSPITAL, MANSFIELD .. 2

If held by R Practitioners, appointments will be for a period of six months; otherwise they will be for a period of six months in the first instance.

The salary for each appointment will be £200 per annum, with full residential emoluments or cash equivalent.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to me not later than 21st October, 1940.

K. TWEEDALE MEABY, Clerk of the County Council.

Shire Hall, Nottingham, 28th September, 1940.

Worcestershire County Council.

EVESHAM EMERGENCY HOSPITAL.
POWICK EMERGENCY HOSPITAL.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within six months of qualification, for the appointment of HOUSE PHYSICIAN (A) now vacant at the Powick Emergency Hospital; and for the appointment of a HOUSE SURGEON (A), to become vacant on or about the 25th October, 1940, at the Evesham Emergency Hospital.

If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £200 per annum or, if applicant has previously held a similar appointment, £350, with full residential emoluments.

Applications, marked "Powick Emergency Hospital" or "Evesham Emergency Hospital," stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the County Medical Officer, County Buildings, Worcester, not later than the 8th October, 1940.

C. H. BIRD, Clerk of the County Council.

Shirehall, Worcester, 24th September, 1940.

Grosvenor Sanatorium, Ashford, Kent.

APPOINTMENT OF A THIRD ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the appointment of a Third Assistant Medical Officer (A) to become vacant on October 14th. If held by an R Practitioner the appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than October 7th.

B. ROBERTS, Medical Superintendent.

Grosvenor Sanatorium, Ashford, Kent.

Rotherham Hospital. (140 Ordinary and 70 War Emergency Beds.)

CASUALTY OFFICER (A).

Applications are invited from registered Medical Practitioners (Male) for the above appointment, including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months. Salary £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

T. H. FLETCHER, Secretary-Superintendent.

Rotherham Hospital, Doncaster Gate, Rotherham, Yorks.

Bristol Eye Hospital.

Applications are invited from Male registered Medical Practitioners for the appointment of JUNIOR RESIDENT OPHTHALMIC HOUSE SURGEON (B2) to become vacant on 1st November, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise the senior post will be available for a further period of six months. The salary of Junior House Surgeon is at the rate of £100 per annum, and that of the senior post at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by three recent testimonials, should be sent to the undersigned not later than 18th October, 1940.

D. M. BABER, Secretary and House Governor.

Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL. (400 Beds, mainly Acute.)

ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Assistant Medical Officer at the Epsom County Hospital, Dorking-road, Epsom. Suitably qualified R Practitioners holding B2 or B1 appointments may apply.

The Medical Officer appointed must have had considerable previous experience in surgical appointments and should preferably possess a higher surgical qualification.

The tenure of the appointment is limited to a period of five years, but the appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and is terminable by three months' notice on either side. The cash salary is at the rate of £350 per annum, rising by annual increments of £25 to a maximum of £450 per annum, together with full residential emoluments valued at £125 per annum.

Applications, stating age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be addressed to the Medical Superintendent, Epsom County Hospital, Dorking-road, Epsom, so as to be received not later than the 17th October, 1940.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 4th October, 1940.

Scarborough Hospital, Yorkshire.

Wanted, November 1st, 1940, Two HOUSE SURGEONS and One HOUSE PHYSICIAN (all Female). One post vacant now.

Appointments are for six months.

The House Physician is in charge of Ophthalmic patients in addition to the Medical Wards.

Salary at the rate of £150 per annum, together with board, residence, laundry, &c.

Applications, stating age and experience, together with copies of not more than three recent testimonials, to be sent to the Hon. Secretary not later than the first post on October 9th, 1940.

September 23rd, 1940.

Cornwall County Council.

Applications are invited from qualified registered Dental Surgeons for appointments as TEMPORARY SCHOOL DENTISTS. Salary £500 per annum, with travelling expenses on the County Scale. Car essential.

Applications, stating age, qualifications, and experience, with copies of testimonials, should be sent to the County Medical Officer, County Hall, Truro, by the 10th October, 1940.

T. A. H. SHEERS, Clerk of the County Council.

County Hall, Truro.

The Jessop Hospital for Women,
SHEFFIELD.

The Board of Management invite applications for the post of HOUSE SURGEON (Male or Female) (B2), commencing at once, including R Practitioners who hold A posts and who have not completed a five months' tenure of those posts. If held by an R Practitioner the appointment will be limited to six months.

Salary £100 per annum, together with board, residence, and laundry.

Membership of a Medical Defence Society is a condition of appointment.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

DAVID OSWALD, Superintendent and Secretary.

County Borough of Walsall.
MANOR HOSPITAL.

JUNIOR ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the above appointment, including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months. Salary £150 per annum, together with the usual emoluments.

The person appointed will be required to act under the general direction of the Medical Superintendent and carry out the duties of Resident Anæsthetist and Casualty Officer and may be called upon to work in any other department of the Hospital.

Applications, stating age, professional qualifications, and experience, accompanied by not more than three copies of testimonials, should be sent to the Medical Officer of Health, Council House, Walsall, not later than 12th October, 1940.

26th September, 1940.

City of Birmingham.
APPOINTMENT OF HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of House Surgeons (A posts) at the Birmingham Municipal general hospitals, including R Practitioners within three months of qualification.

The appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments valued at £200 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Officer of Health, Council House, Birmingham, 3, on or before 10th October, 1940.

Surrey County Council.
TEMPORARY TUBERCULOSIS OFFICER.

Applications are invited for the post of Tuberculosis Officer. The post is temporary and will be, subject to satisfactorye service, for the duration of the War. The appointment will be subject to satisfactory Medical Examination.

The salary will be a fixed one on the scale of £750 to £950 per annum according to qualifications and experience.

Candidates must be registered Medical Practitioners and have held Resident appointment in a general Hospital for at least 6 months and have had special practical experience in the diagnosis and treatment of tuberculosis in Sanatoria or otherwise.

The Officer appointed will be required to devote his whole time to his official duties, to work under the administrative control of the County Medical Officer of Health, and to reside in such district as may be required. The duties will include the charge of Tuberculosis dispensaries, the general arrangements for the treatment of tuberculosis patients otherwise than in Sanatoria, and such other duties as the Council may direct.

The appointment is terminable by one month's notice on either side.

Applications, stating age, qualifications and experience, together with copies of not more than three recent testimonials, must be sent to the County Medical Officer of Health, County Hall, Kingston-upon-Thames, from whom further particulars may be obtained.

Special forms of application are not supplied. Envelopes must be endorsed "Tuberculosis Officer."

Canvassing directly or indirectly will be a disqualification.

The last date for receipt of applications is first post on Saturday, October 12th, 1940.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 27th September, 1940.

County Borough of Reading.
BATTLE HOSPITAL.
(300 E.M.S. Beds; 290 others.)

Applications are invited from registered Medical Practitioners (Male), for the post of RESIDENT ASSISTANT MEDICAL OFFICER (B2), for general duties with emphasis upon anæsthetics.

R Practitioners holding A posts are invited to apply, and the appointment will be limited to six months with possible renewal.

Salary will be at the rate of £300 per annum, plus residential emoluments for a single man.

Application forms can be obtained from the undersigned and are returnable not later than the 19th October, 1940.

C. S. JOHNSON, Town Clerk.

Town Hall, Reading, 24th September, 1940.

County Borough of Reading.
BATTLE HOSPITAL.
(300 E.M.S. beds; 290 others.)

Applications are invited from registered Medical Practitioners for the post of RESIDENT ASSISTANT MEDICAL OFFICER (B1 Surgical). Preference will be given to a Fellow of the Royal College of Surgeons. Suitably qualified R Practitioners holding B1 or B2 appointments are invited to apply.

The salary offered is £400 per annum, plus residential emoluments for a single man.

Application forms can be obtained from the undersigned and are returnable not later than the 19th October, 1940.

C. S. JOHNSON, Town Clerk.

Town Hall, Reading, 24th September, 1940.

County Borough of Rochdale.
MUNICIPAL GENERAL HOSPITAL—BIRCH HILL.
(475 Beds.)

Applications are invited from registered Medical Practitioners (Male) for the post of JUNIOR RESIDENT MEDICAL OFFICER (A), including R Practitioners within three months of qualification. If held by R Practitioner appointment will be for a period of six months, and in any case will only be renewable for a further period of six months. The Hospital provides accommodation for Medical, Surgical, Maternity cases and children, and the appointment includes certain services at the adjoining Public Assistance Institution. Salary at the rate of £225 per annum, with full residential emoluments.

Application forms may be obtained from the Medical Officer of Health, Public Health Offices, Baillie-street, Rochdale, and must be returned to him not later than Friday, the 11th October.

23rd September, 1940. HARRY BANN, Town Clerk.

Addenbrooke's Hospital, Cambridge.

Appointment of HOUSE OFFICERS to staff additional beds in Annexes (A).

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for appointments at the annexes which are being established at this Hospital. The appointments will be for periods of six months, but are terminable at an earlier date by one month's written notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Particulars of the posts may be had on application to the undersigned. J. A. BEARDSALL, Secretary-Superintendent.

The Royal Albert Institution for the
FEEBLE-MINDED, LANCASTER.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT JUNIOR MEDICAL OFFICER, Male (B1), unmarried, temporary or permanent. Applicants should have a Dental Diploma. Knowledge of refraction work an advantage. Ample opportunity for research. To take up duties at the end of October.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary commences at £425 per annum, with full board, lodging, etc.

Applications, accompanied by copies of three recent testimonials and with two personal references, to be made to the Medical Superintendent.

Grimsby and District Hospital.
RESIDENT ANÆSTHETIST (B2).

Applications are invited from registered Medical Practitioners for the above appointment, including R Practitioners who hold A posts. Salary is £200 per annum.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

H. B. COATES, Secretary-Superintendent.

23rd September, 1940.

Birmingham and Midland Hospital for
WOMEN.

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment of HOUSE SURGEON (B2) now vacant, including R Practitioners who now hold A posts. The appointment is for six months. Salary to be at the rate of £100 per annum.

Applications, with full particulars and copies of testimonials, to be sent immediately to HUGH C. ASTON, 45, Newhall-street, Birmingham, 3.

Huddersfield Royal Infirmary.
(321 Beds.)

Applications are invited from registered Medical Practitioners, Male, for the appointment of HOUSE PHYSICIAN (B2) required to commence duty on October 21st, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise it will be for six months, subject to renewal for a similar period. The salary is £150 per annum, with board, residence, and laundry.

Applications, with copies of three recent testimonials, to be addressed to the undersigned immediately.

H. J. JOHNSON, General Superintendent and Secretary.

Royal Victoria and West Hants
HOSPITAL, BOURNEMOUTH.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Surgeon (A), including R Practitioners within three months qualification. If held by an R Practitioner appointment will be for a period of six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualification with date, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately. The appointment is recognised for the F.R.C.S. Examination.

GORDON M. SAUL, Secretary.

Royal Berkshire Hospital, Reading.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of House Surgeon, including R Practitioners within three months of qualification.

If held by an R Practitioner the appointment will be for a period of six months, otherwise it will be for a period of twelve months. Salary at the rate of £150 per annum, with full residential emoluments.

The person appointed will act as full-time assistant to the Pathologist, especially in connexion with Hæmatology and Blood Transfusions. Previous experience in Clinical Pathology is not necessary.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

Royal Sussex County Hospital,
BRIGHTON.
(380 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a Casualty House Surgeon (A) to become vacant on 5th October, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

City of Birmingham Mental Hospital,
WINSON GREEN, BIRMINGHAM, 18.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners (Male or Female), including R Practitioners within three months of qualification, for the above post. The salary will be at the rate of £150 per annum, together with full residential emoluments, and the appointment will be for a period of six months in the first instance. If an R Practitioner is appointed, appointment will be for a period of six months.

Applications, stating age, qualifications, and nationality, and accompanied by not more than three testimonials, should be sent to the Medical Superintendent not later than October 12th.

County Borough of Warrington.
BOROUGH GENERAL HOSPITAL (300 Beds).

RESIDENT MEDICAL OFFICER "A."

Applications are invited from Registered Medical Practitioners including R Practitioners within three months of qualification for the post of Resident Medical Officer. Salary £225 per annum, together with board, residence and laundry. There are two other Medical Officers in residence; good opportunity for experience in midwifery and surgery.

Candidates must be single, fully qualified and registered. Appointment for six months which may be extended for a further period of six months by mutual agreement. If held by R Practitioner appointment will be for a period of six months.

Applications stating age, qualifications and experience and date available to commence duties, together with copies of not less than three testimonials to be sent to the undersigned not later than Thursday, 17th October, 1940.

STUART F. ALLISON,
Medical Officer of Health and Medical Superintendent of Corporation Hospitals.

Health Department, Warrington, September, 1940.

Berkshire County Council Emergency
HOSPITAL, WALLINGFORD.

Required immediately ASSISTANT MEDICAL OFFICER "A" (R Practitioners within three months of qualification may apply). Salary £200 p.a., plus £100 p.a. in lieu of board and lodging if non-resident. The hospital is administered under the Emergency Hospital Scheme. If an R Practitioner is appointed the appointment will be for a period of six months. Applications stating age, qualifications, etc., to be sent to The County Medical Officer, 11, Abbot's Walk, Reading.

H. J. C. NEOBARD, Clerk of the Council.

Shire Hall, Reading.

St. Paul's Eye Hospital, Liverpool.

Applications are invited immediately from registered Medical Practitioners, Male or Female, including R Practitioners within three months of qualification, for the post of RESIDENT HOUSE SURGEON (A). Six months' appointment. Salary £145 per annum, with board, &c.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, should be sent to the Secretary before 19th October, 1940.

Applications are invited by a Registered MENTAL HOSPITAL (104 Beds) from registered Medical Practitioners, Male and Female, unmarried, for the appointment of LOCUM TENENS (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a minimum of six months. Salary £7 7s. per week, with full residential emoluments. Knowledge of Psychiatry will be an advantage.

Applications, with full particulars and enclosing copies of three recent testimonials, addressed to Medical Superintendent, Address No. 736, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

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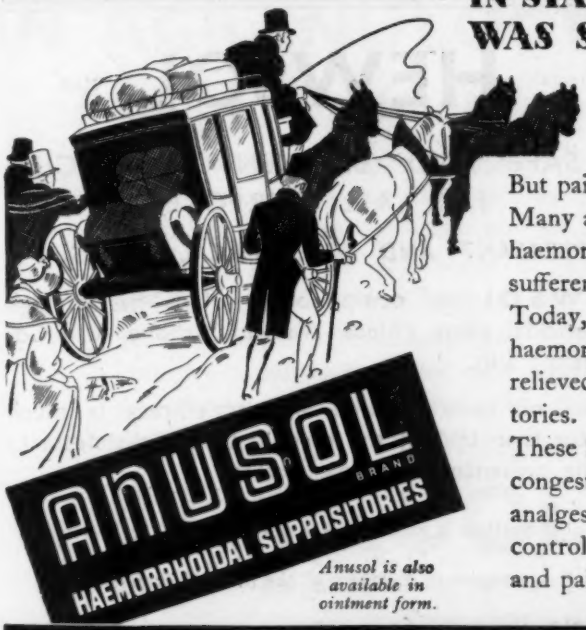

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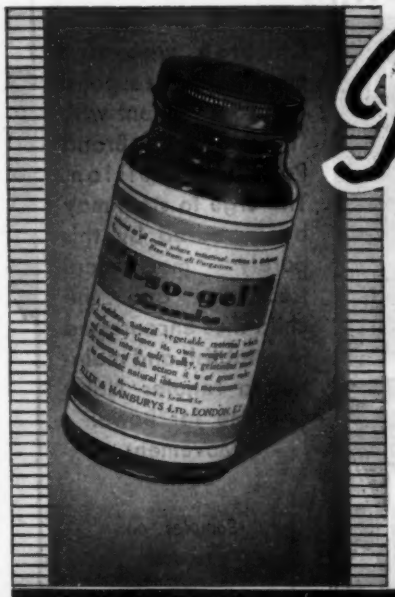

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Codeine Phosphate ..	gr. 1/16	Black Currant Juice..	m. 10
Syrup of Wild Cherry..	m. 6	Syrup to	1 fl. dr.

In bottles of 2½ and 5 ozs., at 1/6 and 2/9.

DOSAGE—It is recommended that, for adults, one teaspoonful of Glycurrant Cough Linctus undiluted should be sipped slowly every 3 or 4 hours.

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AFTER TENNIEL

"Once upon a time there were three little sisters," the Dormouse began in a great hurry; "and their names were Elsie, Lacie, and Tillie; and they lived at the bottom of a well—."

"What did they live on?" said Alice, who always took a great interest in questions of eating and drinking.

"They lived on treacle," said the Dormouse, after thinking a minute or two.

"They couldn't have done that, you know," Alice gently remarked; "they'd have been ill."

"So they were," said the Dormouse, "*very* ill."

FORTUNATELY, most modern diets are somewhat better balanced than the strict treacle regimen of the three unfortunate little sisters.

Many persons, however, even though their diets *are* well-balanced and ample in quantity to meet caloric needs, suffer from vitamin deficiency, simply because they do not eat *enough*. This is especially true of persons who are engaged in sedentary occupations.

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A dependable and convenient means of correcting sub-optimal vitamin intake is provided by Penta-Kaps. Each small, tasteless capsule furnishes five important vitamins: A, D, B_1, B_2 and C.

Like all other Abbott vitamin products, Penta-Kaps are biologically standardised, under rigidly controlled conditions, for vitamins A, D, B_1 and B_2, and are chemically titrated for vitamin C.

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VITAMIN A	6200 International units
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Oral Cold Vaccine

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Vaccination with 'Entoral' involves the administration of a single capsule of the vaccine daily for one week, followed by one capsule twice a week throughout the period when upper respiratory infections are prevalent. Immunization should be repeated annually.

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Two new products of special interest in war-time

Diphtheria Prophylactic Toxoid (Alum Precipitated) with Whooping-cough Vaccine, D.W.P. (Evans)

Composition

A combination of Diphtheria Alum Precipitated Toxoid with Whooping-cough Vaccine. Each c.c. of the combined prophylactic contains:—
0·5 c.c. Diphtheria A.P.T.
30,000 millions *H. pertussis*.

Indications

Simultaneous immunisation of children who have attained the age of 9 to 12 months, against Diphtheria and Whooping-cough.

Dosage

Three injections of 0·5 c.c., 1·0 c.c., 1·0 c.c., respectively, at monthly intervals.

References

Ledingham (1939). *Brit. med. J.* **2**, 845.
Ledingham (1940). *Practitioner*, **145**, 89.
Maclean (1940). *Proc. R. Soc. Med.* **33**, 428 and 430.
Schütze (1940). *Lancet*, **2**, 192.

Packages

Boxes of 3 doses sufficient for one person.
Rubber-capped bottles of 10 c.c.

Anti-typhoid-paratyphoid Vaccine with Tetanus Toxoid T.A.B.T. (Evans)

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A combination of Tetanus Toxoid and Anti-typhoid-paratyphoid Vaccine.
First dose: 1 c.c. Tetanus Toxoid containing:—
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Bact. paratyphosum A .....250 millions.
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Indications

Simultaneous immunisation of the following against Tetanus and Typhoid:—
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Reference

Ramon (1937). *Ann. Méd.* **42**, 381.

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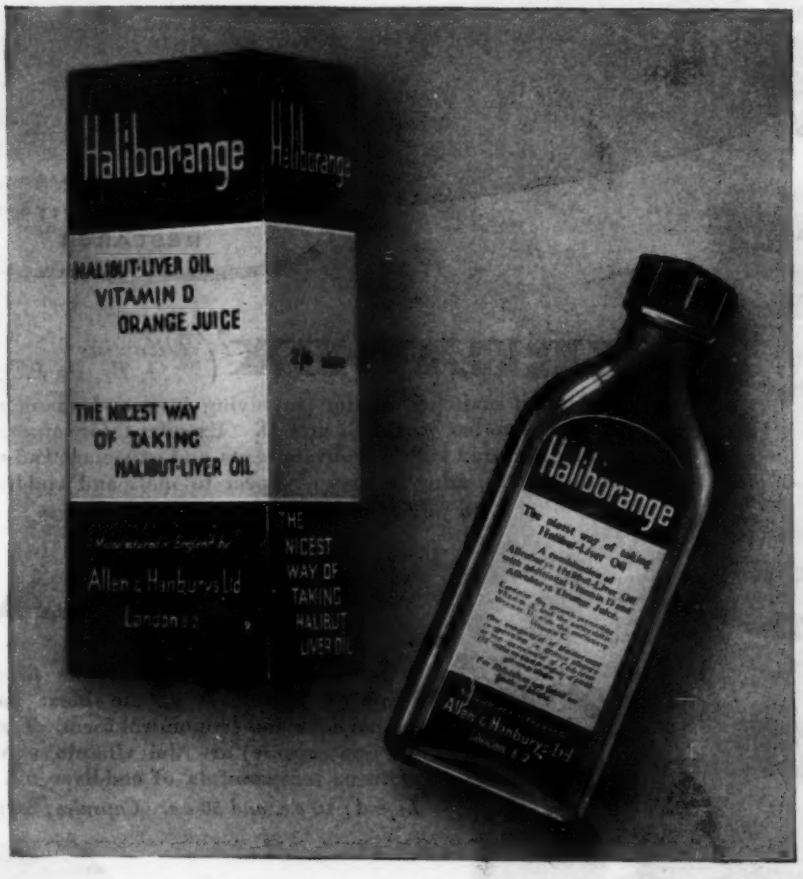

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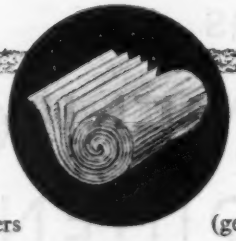

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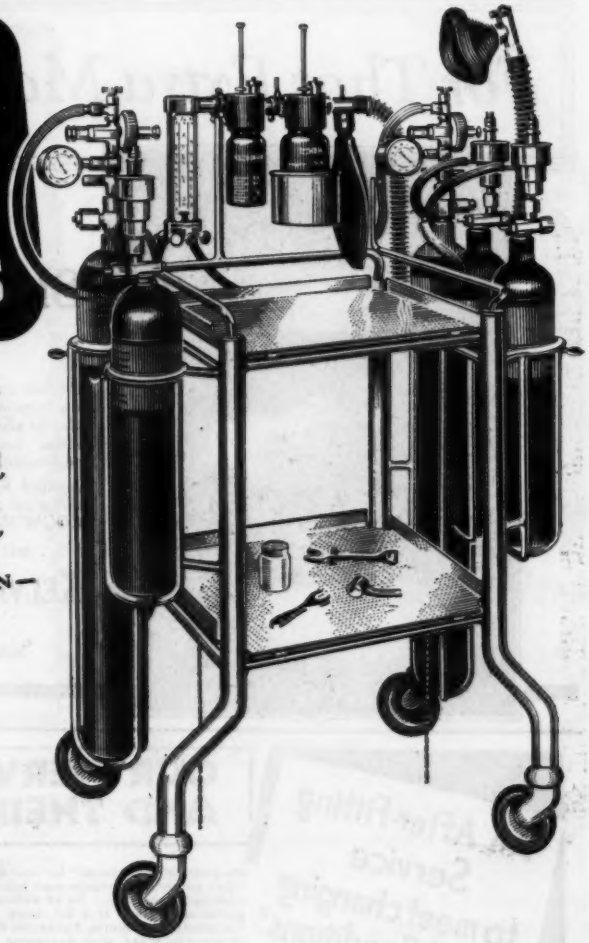

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The College of Preceptors holds Preliminary Examinations in March, June, September, and December. For regulations, apply to the Secretary, College of Preceptors, at temporary address, 31 Corkran-road, Surbiton, Surrey.

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The course of instruction can be commenced at any time. Candidates holding appointments are admitted to Part II Course as part-time students.

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28, Portland-place, London, W.1.

Royal College of Surgeons of England.

DIPLOMA OF FELLOW.

Notice is hereby given that the next FINAL and PRIMARY EXAMINATIONS for the Diploma of Fellow will commence on THURSDAY, NOVEMBER 7TH, and MONDAY, DECEMBER 9TH, respectively.

Candidates who have fulfilled the necessary conditions, and who desire to present themselves for examination, must give notice in writing to the Director of Examinations, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the Examination, transmitting at the same time such certificates as may be required by the Regulations.

HORACE H. REW, Director of Examinations.

Examining Board in England

BY THE
ROYAL COLLEGE OF PHYSICIANS OF LONDON
AND THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND.

DIPLOMA IN ANÆSTHETICS.

Notice is hereby given that the next EXAMINATION for the Diploma in Anæsthetics will commence on MONDAY, NOVEMBER 11TH, 1940.

Candidates who have complied with the necessary requirements, and who desire to present themselves for the above Examination, must apply in writing to the Secretary, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the Examination.

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(UNIVERSITY OF LONDON)

Department of Surgery

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10 a.m. to 12 noon	12 noon to 1 p.m.	1 p.m. to 2 p.m.	2 p.m. to 4 p.m.	4 p.m. to 5 p.m.
Clinical Lectures and Demonstrations	Lunch	Clinical Lectures and Demonstrations	Practical Classes	Questions and Discussions

Monday, 21st October .. .. General Principles of Fracture Treatment.
Tuesday, 22nd October .. .. Injuries of the Upper Limb.
Wednesday, 23rd October .. .. Injuries of the Lower Limb.
Thursday, 24th October .. .. Injuries of Spine, Pelvis, and Hip-joint.
Friday, 25th October .. .. .. Compound and Infected Fractures. Amputations.

The Course will be limited to a maximum of 40 students, and applications for admission to the Course should be submitted to the DEAN, BRITISH POSTGRADUATE MEDICAL SCHOOL, DUCANE ROAD, W.12, as soon as possible. The Course will only be held if a minimum of 15 students apply.

The fee for the Course will be 5 guineas, but a limited number of officers of the Armed Forces and E.M.S. will be admitted free, on the receipt of a leave certificate.

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A short intensive course in Industrial Medicine and Industrial Hygiene will be given in the London School of Hygiene and Tropical Medicine, beginning on MONDAY, 11TH NOVEMBER, 1940, and lasting two weeks.

The course is intended specially for Works Medical Officers. The lectures will be given by recognized experts and visits to various factories will be arranged.

The visits will be in the mornings and the lectures in the afternoons, and part-time attendance can be arranged.

The fee for the course is £2 2s.

Further information may be obtained from the Secretary, London School of Hygiene and Tropical Medicine, Keppel Street (Gower Street), W.C.1. (MUSeum 3941.)

Royal College of Surgeons of England.

ANNUAL MEETING OF FELLOWS AND MEMBERS.

Notice is hereby given that it is proposed to hold a meeting of Fellows and Members at the College in Lincoln's Inn Fields on THURSDAY, the 21ST NOVEMBER, 1940, at 3 o'clock P.M., and that a Report from the Council will be laid before the meeting.

Fellows and Members can obtain copies of the Report on application to the Secretary, and can, if they so desire, have their names placed on the list of those to whom the Report is sent annually.

Motions to be brought forward at the Meeting must be signed by the mover, or by the mover and other Fellows and Members, and must be received by the Secretary not later than the 11th November.

A copy of the Agenda will be issued on or after the 16th November to any Fellow or Member who may apply for one.

KENNEDY CASSELS, Secretary.

10th October, 1940.

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PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

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Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (3 lines).

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Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

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This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

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Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

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Illustrated Prospectus may be obtained from the Physician Superintendent.

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For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

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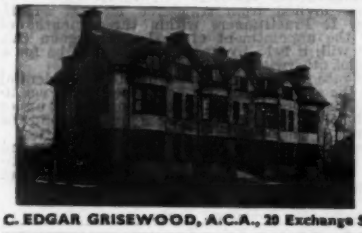

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POSTAL AND ORAL COACHING FOR ALL MEDICAL EXAMINATIONS

MEDICAL PROSPECTUS (36 pages),

sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of CASUALTY OFFICER and HOUSE SURGEON (A) (two vacancies, one of which includes duties in the EAR, NOSE, AND THROAT, DENTAL AND GYNÆCOLOGICAL DEPARTMENTS and the other in the ORTHOPÆDIC CHILDREN AND EYE DEPARTMENTS) to become vacant on 31st October, 1940, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

4th October, 1940.

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1) to become vacant on 1st November, 1940. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. (Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.) Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

4th October, 1940.

Royal National Orthopædic Hospital.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who now hold A posts, for the appointment of RESIDENT HOUSE SURGEON (B2) at the Royal National Orthopædic Hospital, Great Portland-street, W.1. Salary £200 per annum, with board, quarters, laundry, &c. Duties to commence November 1st. Six months' appointment.

Applications, stating age, nationality, qualifications, and previous experience, with copies of testimonials, should be sent to the Secretary, 234, Great Portland-street, W.1, not later than October 21st.

Central London Throat, Nose, and Ear

HOSPITAL, Gray's Inn-road, W.C.1.

HOUSE SURGEON (B2) (Male or Female).

Applications are invited for the post of House Surgeon vacant on 1st November, 1940. If held by an R Practitioner the appointment is limited to six months, three as Second and three as First. Otherwise it will be for a period of nine months. Salary at the rate of £75 per annum.

Applications, stating age, qualifications, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 21st October.

JOHN H. YOUNG, Secretary-Superintendent.

The Royal Sussex County Hospital,

BRIGHTON. (380 Beds.)

APPOINTMENT OF MAYO FELLOW IN ANÆSTHETICS (B1).

Applications are invited from registered Medical Practitioners (Male) for the Mayo Fellowship in Anæsthetics (B1) (established March, 1939) tenable at the above Hospital and associated with the Nuffield Professor of Anæsthetics in the University of Oxford.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The Fellowship is of the value of £300 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible, from whom further particulars can be obtained if required.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

National Temperance Hospital,
Hampstead-road, N.W.1.

Applications are invited for the posts of HOUSE PHYSICIAN and CASUALTY OFFICER who will be required to act as House Surgeon under the E.M.S. (A Post). Salary £130 and £140 per annum respectively and board, residence, and laundry. The appointment is for a period of six months as from November 1st.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials by the 22nd October, addressed to the Secretary.

The Royal Waterloo Hospital,
Waterloo-road, S.E.1.

Applications are invited from registered Medical Practitioners (Male) for the appointment of a CASUALTY OFFICER (B2) immediately vacant, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be subject to renewal. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

J. H. TEASDALE, Secretary.

Borough of Barking.

DEPUTY MEDICAL OFFICER OF HEALTH.

Applications are invited before the 26th October, 1940, from qualified Medical Practitioners for the designated appointment of DEPUTY MEDICAL OFFICER OF HEALTH AND DEPUTY SCHOOL MEDICAL OFFICER.

Candidates must have had experience in public health work and must hold a registerable qualification in public health.

Salary scale: £725—£25—£800.

Particulars of duties and application form may be obtained from the undersigned.

E. R. FARR, Town Clerk.

Town Hall, Barking, Essex.

City of Birmingham.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

The Public Health and Maternity and Child Welfare Committee invite applications for a temporary whole-time Assistant Medical Officer of Health for general public health duties. The appointment is intended to be for the duration of the war. Candidates must be qualified Medical Practitioners and hold the Diploma in Public Health.

Salary £500, rising by annual increments of £25 to £700 per annum, but consideration will be given to previous experience in fixing the initial salary.

Applications, setting out the candidate's age, qualifications, and previous hospital and public health experience, to be sent in candidate's own handwriting, accompanied by copies of two recent testimonials, to the Medical Officer of Health, Council House, Birmingham, not later than Thursday morning, 24th October.

F. H. C. WILTSHIRE, Town Clerk.

King Edward VII Hospital, Windsor.

APPOINTMENT OF A HOUSE SURGEON (A) AND HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointments of House Surgeon (A) and House Physician (A). If held by R Practitioners the appointments will be for a period of six months. The salary is at the rate of £120 per annum, with full residential emoluments, and at the present time an additional £32 per annum is paid from a grant made by the Ministry of Health.

Applications, stating age, qualifications with dates, and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GEORGE WESTON, Secretary.

Kent and Canterbury Hospital.
(Four R.M.O.'s—364 Beds.)

Applications are invited from Male registered Medical Practitioners for the appointment of a HOUSE SURGEON (B2) to become vacant on 1st November, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be for a period of six months. The salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. F. KENT, Superintendent and Secretary.

4th October, 1940.

City of York.

HUNTINGTON ROAD EMERGENCY HOSPITAL.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A). The appointment will, if held by an R Practitioner, be for a period of six months, otherwise it may be extended.

Salary is at the rate of £200 per annum, with full residential emoluments, and the appointment will be subject to the conditions for the time being applying to medical appointments under the Emergency Hospital Scheme. If it is extended beyond the period of six months it will be subject to one month's notice.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 15th October, 1940.

P. R. MCNAUGHT, M.D., Medical Officer of Health.

Health Department, 50, Bootham, York.

City of Carlisle.

CITY GENERAL HOSPITAL.
FUSEHILL EMERGENCY HOSPITAL.

Applications are invited from registered Medical Practitioners for the appointment of a JUNIOR RESIDENT MEDICAL OFFICER (A), including R Practitioners within three months of qualification.

Salary is at the rate of £200 per annum, with full residential emoluments. If held by an R Practitioner the appointment will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Officer of Health, 22, Fisher-street, Carlisle, as early as possible.

Papworth Village Settlement.
(500 Beds.)

APPOINTMENT OF ASSISTANT MEDICAL OFFICER (B1).

Applications are invited for the appointment of an Assistant Medical Officer, at a salary of £200 per annum, with board and residence, for a period of six months in the first place. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Applications, stating age, qualifications, sex, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Director, Papworth Village Settlement, Papworth Hall, Cambridge.

St. Mary's Hospitals, Whitworth
PARK, MANCHESTER.

Applications are invited from registered Medical Practitioners for the appointments of two OBSTETRICAL HOUSE SURGEONS and one GYNÆCOLOGICAL HOUSE SURGEON (B2) to become vacant on November 1st, including R Practitioners who now hold A posts.

If held by R Practitioners the appointments will be limited to six months. Salary at the rate of £50 per annum, with board and residence. Applications, together with recent testimonials, to be sent to the Superintendent and Secretary.

City of Bradford.
MUNICIPAL HOSPITALS.

APPOINTMENT OF HOUSE PHYSICIANS AND SURGEONS (A).

Applications are invited from registered Medical Practitioners for the appointment of House Physician or Surgeon (A posts) at the Municipal Hospitals, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Form of application may be obtained from the Medical Officer of Health, Town Hall, Bradford, and should be returned not later than the 25th October, 1940.

N. L. FLEMING, Town Clerk.

Town Hall, Bradford, 2nd October, 1940.

The Robert Jones and Agnes Hunt
ORTHOPÆDIC HOSPITAL, OSWESTRY.
(Beds: Adults 280; Children 120.)

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for a HOUSE SURGEON (Male) (B2) required to commence duties on November 1st, 1940. Appointment for six months, with possibility of extension, except in the case of R Practitioners, when appointment will be limited to six months. Salary at the rate of £200 per annum, with board, residence, and laundry.

Two weeks' holiday for each six months' service.

Applications, stating age, qualifications, and experience, with copies of three recent testimonials, to be addressed to the Secretary-Superintendent, and to reach him not later than October 22nd, 1940.

Coventry & Warwickshire Hospital.
(452 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female (including R Practitioners within three months of qualification), for the appointments as below, to become vacant on November 1st next. Salary is at the rate of £150 per annum, with full residential emoluments:—

One HOUSE PHYSICIAN (A).
One HOUSE PHYSICIAN (A) combining also duties of House Surgeon to OPHTHALMIC DEPARTMENT.
One HOUSE SURGEON (A) to the FRACTURE AND ORTHOPÆDIC DEPARTMENT.
One HOUSE SURGEON (A) to the EAR, NOSE, AND THROAT DEPARTMENT.
One HOUSE SURGEON (A) to the GENERAL SURGICAL DEPARTMENT.

If held by an R Practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

S. CECIL HILL, House Governor and Secretary.

East Suffolk and Ipswich Hospital.
(380 Beds—8 Residents.)

Applications are invited from registered Medical Practitioners (including R Practitioners within three months of qualification) for the appointment (now vacant) of HOUSE SURGEON (A) to the EAR, NOSE, AND THROAT AND OPHTHALMIC DEPARTMENTS. Appointment will be for six months. Salary at the rate of £144 per annum, with full residential emoluments. Hospital is recognised for post-graduate study for diplomas of D.L.O. and D.O.M.S.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 12th October, 1940.

Blackburn Royal Infirmary
(244 Beds—Five Residents.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of a House Surgeon (A), including R Practitioners within six months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, should be sent to the undersigned as soon as possible.

T. DEWHURST, General Superintendent and Secretary.

Royal Infirmary, Blackburn.

Royal South Hants and Southampton
HOSPITAL. (319 Beds.)

APPOINTMENT OF CASUALTY OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a Casualty Officer (A) to become vacant on 1st November, 1940, including R Practitioners within three months of qualification, for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 17th October, 1940.

EDWARD L. WIRGMAN, House Governor and Secretary.

City and County of Newcastle upon
TYNE.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
SHOTLEY BRIDGE EMERGENCY HOSPITAL. (800 Beds.)

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R Practitioners within six months of qualification.

The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Emergency Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

3rd October, 1940.

Longton Hospital, Stoke-on-Trent.
(56 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners for the appointment of a House Surgeon (A) to become vacant on November 6th, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £180 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. J. HOLLINSON, Secretary.

The Radcliffe Infirmary, Oxford.

Applications are invited for the post of TEMPORARY CLINICAL PATHOLOGIST. Appointment will be for one year in first instance. Salary from £400 to £500 per annum, according to qualifications and experience.

Applications, with copies of testimonials, must be sent to the undersigned not later than Monday, 21st October, 1940.

A. G. E. SANCTUARY, Administrator.

The Kidderminster and District
GENERAL HOSPITAL.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of SENIOR HOUSE SURGEON (B2) to become vacant on 24th October, including R Practitioners who now hold A posts. The appointment will be for six months. The salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 17th October.

C. M. SMITH, House Governor and Secretary.

Children's Hospital, Sunderland.
(70 Beds.)

HOUSE PHYSICIAN (Female) required for six months from 13th November, and HOUSE SURGEON (Female) for six months from 1st November. Salary £120 per annum, with board, residence, laundry, &c.

Applications, stating age and qualifications, and accompanied by testimonials, to be sent to the undersigned not later than 21st October.

M. J. HUNTLEY, House Governor and Secretary.

Altrincham General Hospital.
(100 Beds—2 Residents.)

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on or about 12th November, 1940, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £180 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Wednesday, 23rd October, 1940.

E. A. BIDEN, General Superintendent and Secretary.

Bristol Eye Hospital.

Applications are invited from Male registered Medical Practitioners for the appointment of JUNIOR RESIDENT OPHTHALMIC HOUSE SURGEON (B2) to become vacant on 1st November, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise the senior post will be available for a further period of six months. The salary of Junior House Surgeon is at the rate of £100 per annum, and that of the senior post at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by three recent testimonials, should be sent to the undersigned not later than 18th October, 1940.

D. M. BABER, Secretary and House Governor.

The Royal Albert Institution for the FEEBLE-MINDED, LANCASTER.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT JUNIOR MEDICAL OFFICER, Male (B1), unmarried, temporary or permanent. Applicants should have a Dental Diploma. Knowledge of refraction work an advantage. Ample opportunity for research. To take up duties at the end of October.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary commences at £425 per annum, with full board, lodging, etc.

Applications, accompanied by copies of three recent testimonials and with two personal references, to be made to the Medical Superintendent.

Pontefract General Infirmary and THE HYDES HOSPITAL. (112 Beds.)

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of a House Surgeon (A) to become vacant on 1st November, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

D. J. RICHARDS, Secretary-Superintendent.

Huddersfield Royal Infirmary. (321 Beds.)

Applications are invited from registered Medical Practitioners, Male, for the appointment of HOUSE PHYSICIAN (B2) required to commence duty on October 21st, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise it will be for six months, subject to renewal for a similar period. The salary is £150 per annum, with board, residence, and laundry.

Applications, with copies of three recent testimonials, to be addressed to the undersigned immediately.

H. J. JOHNSON, General Superintendent and Secretary.

Scarborough Hospital, Yorkshire.

Wanted, November 1st, 1940, Two HOUSE SURGEONS and One HOUSE PHYSICIAN (all Female). One post vacant now.

Appointments are for six months.

The House Physician is in charge of Ophthalmic patients in addition to the Medical Wards.

Salary at the rate of £150 per annum, together with board, residence, laundry, &c.

Applications, stating age and experience, together with copies of not more than three recent testimonials, to be sent to the Hon. Secretary not later than the first post on October 16th, 1940.

September 23rd, 1940.

Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL. (400 Beds, mainly Acute.)

ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Assistant Medical Officer at the Epsom County Hospital, Dorking-road, Epsom. Suitably qualified R Practitioners holding B2 or B1 appointments may apply.

The Medical Officer appointed must have had considerable previous experience in surgical appointments and should preferably possess a higher surgical qualification.

The tenure of the appointment is limited to a period of five years, but the appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and is terminable by three months' notice on either side. The cash salary is at the rate of £350 per annum, rising by annual increments of £25 to a maximum of £450 per annum, together with full residential emoluments valued at £125 per annum.

Applications, stating age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be addressed to the Medical Superintendent, Epsom County Hospital, Dorking-road, Epsom, so as to be received not later than the 17th October, 1940.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 4th October, 1940.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a HOUSE SURGEON (Male) (A) appointment required immediately. The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

Kent and Sussex Hospital, TUNBRIDGE WELLS.

APPOINTMENT OF CASUALTY OFFICER HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners (Male) for the appointment of Casualty Officer House Surgeon (B2) to become vacant early October, including R Practitioners who now hold A posts. The appointment is for six months. The minimum salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible moment.

TOM B. HARRISON, Superintendent-Secretary.

23rd September, 1940.

Joint Committee of the County COUNCILS OF DURHAM AND NORTHUMBERLAND AND THE COUNTY BOROUGH COUNCILS OF GATESHEAD AND NEWCASTLE UPON TYNE.

ASSISTANT VENEREAL DISEASES MEDICAL OFFICER (Male, Temporary).

Applications are invited from Male Medical Practitioners experienced in the diagnosis and treatment of Venereal Diseases for the above whole-time appointment.

Duties include the investigation and treatment of male and female out-patients and in-patients, and commence at as early a date as possible.

Salary £500 per annum, increasing by annual increments of £25 to a maximum of £700. Appointment for duration of the war, or subject to three months' notice on either side.

Applications, stating age, nationality, qualifications, special experience in Venereal Diseases work, and other branches of Medicine or Public Health, together with copies of testimonials or references, to be forwarded not later than October 19th to the Clinical Medical Officer, Joint Committee's Clinic, Newcastle General Hospital, Westgate-road, Newcastle upon Tyne, 4, from whom further particulars may be obtained.

Berkshire County Council Emergency HOSPITAL, WALLINGFORD.

Required immediately ASSISTANT MEDICAL OFFICER "A" (R Practitioners within three months of qualification may apply). Salary £200 p.a., plus £100 p.a. in lieu of board and lodging if non-resident. The hospital is administered under the Emergency Hospital Scheme. If an R Practitioner is appointed the appointment will be for a period of six months. Applications stating age, qualifications, etc., to be sent to The County Medical Officer, 11, Abbot's Walk, Reading.

H. J. C. NEOBARD, Clerk of the Council.

Shire Hall, Reading.

Royal Halifax Infirmary.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who hold A posts, for (1) RESIDENT HOUSE PHYSICIAN (B2), salary £175 per annum, with full residential emoluments, and (2) CASUALTY OFFICER, salary £150 per annum, with full residential emoluments. If held by an R Practitioner the appointments will be limited to six months from November 1st, 1940.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

A. MIDGLEY, Secretary.

October 5th, 1940.

Nottingham City Hospital.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

The Nottingham City Council invite applications from duly qualified Medical Practitioners for a position as Resident Surgical Officer at the above Hospital.

Applicants should have held previous house appointments and had surgical experience. The salary will be £350 per annum, with board and residence. The appointment is not permanent and is not within the Council's Superannuation Scheme. It is terminable by one month's notice on either side.

Application forms can be obtained from me, and should be returned, together with copies of three recent testimonials, as soon as possible.

Canvassing is forbidden.

J. E. RICHARDS, Town Clerk.

The Guildhall, Nottingham, 7th October, 1940.

Sutton and Cheam Hospital, SUTTON, SURREY.

(75 Beds normal. Plus 75 emergency.)

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (B2).

There is an immediate vacancy for a Male registered Medical Practitioner for the appointment of Junior Resident Medical Officer, for which applications are invited.

Applicants may include R Practitioners who now hold A posts.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with date, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Secretary forthwith.

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City of Manchester.

BOOTH HALL HOSPITAL. (760 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the above appointment which is vacant now, including R Practitioners within three months of qualification. The appointment will be for a period of six months renewable for a further six months. If held by an R Practitioner the appointment will be for a period of six months.

The salary for the appointment is at the rate of £200 per annum or, if held by an R Practitioner, £125 per annum, with full residential emoluments in addition subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box No. 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than October 19th, 1940.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, 7th October, 1940.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.

Applications are invited from registered Medical Practitioners (Male and Female) for the undermentioned posts :—

ORTHOPÆDIC HOUSE SURGEON (B2) vacant 15th November, 1940,

CASUALTY OFFICER (A),

including R Practitioners who now hold A posts. The Orthopædic Department serves one of the largest fracture clinics in the country and offers exceptional experience. Salary attached to each post is at the rate of £150 per annum, with full residential emoluments and the posts are tenable for six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

7th October, 1940.

MEDICAL PRACTICE FOR SALE.

The Old-established Medical Practice,

successfully carried on by the late Mr. ALEXANDER OGSTON, M.A., M.B., C.M., for many years in Aberdeen, is for Sale, with dwelling house, 1, Carden-place, Aberdeen.—For further particulars apply to Messrs. CARLE, DUTHIE & FERRIES, Advocates, 18, North Silver-street, Aberdeen.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a CASUALTY HOUSE SURGEON (Male) (A), required immediately.

The appointment is for six months. Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

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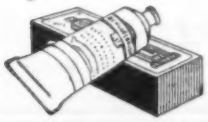

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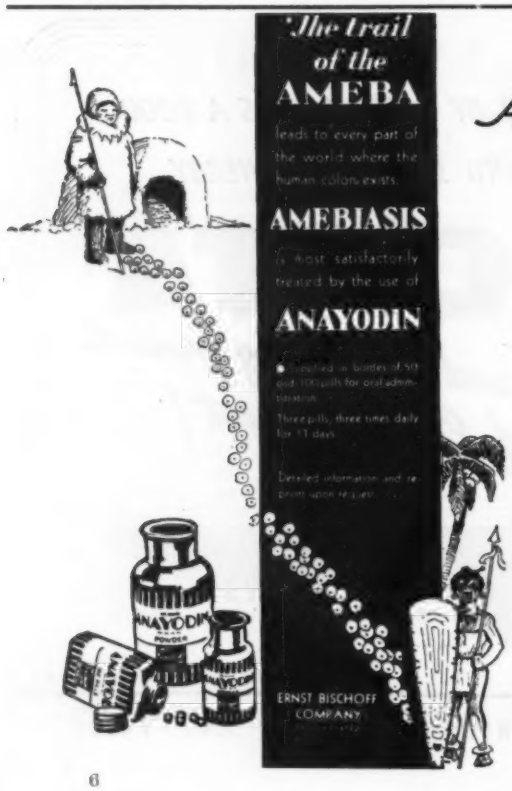

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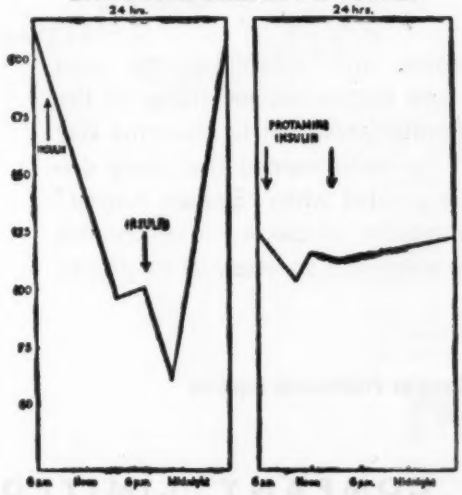

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THAT worry or prolonged mental strain are predisposing factors in hyper-acidity and peptic ulcer is something we have always known. Most marked, however, is the outcrop of new dyspeptic patients following the strain of war conditions. Reassurances and admonitions to avoid worry will eventually relieve the strain, but in the meantime gastric pain and loss of appetite demand therapeutic measures. 'Aludrox,' a colloidal cream of hydrated alumina, particularly recommends itself. It relieves pain rapidly enough to please the most exacting of patients, but at the same time does not cause gaseous distension or inhibit digestion as do the ordinary alkaline mixtures. It is pleasant to take and even prolonged use cannot cause alkalosis.

SPECIMENS GLADLY SENT ON REQUEST

'ALUDROX'
Brand *Regd.*
Amphoteric Gel

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"Topical Therapy"

It is particularly gratifying that, in spite of the present upheaval, many physicians have written to us asking what has become of "Topical Therapy."* We have been compelled to postpone publication of this journal in Great Britain, owing to the necessity of conserving the limited supplies of paper available, but 'IODEX'—that other form of topical therapy so well known to the medical profession—is still available. In the first-aid treatment of open wounds and lacerations, in contusions, chilblains, strains and sprains, and in inflammatory conditions generally, 'IODEX' has proved of unequalled value.

This ideal presentation of iodine is even more active than the tincture; it has greater inflammation-reducing, resolvent, and penetrating properties, yet is entirely bland even on mucous surfaces. It conserves unimpaired the vital qualities of the skin and will not adhere to the injured part; consequently dressings can be renewed as required, with the minimum of pain and discomfort to the patient.

IODINE 'IODEX' OINTMENT

*We shall be pleased to send, on request, to any doctor who is specially interested in "Topical Therapy," a copy of the Overseas Edition, publication of which has not been interrupted.

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MULTIVITE IN WAR TIME

At all times some degree of vitamin deficiency is certain if dietary sources alone are relied upon for the vitamin intake, but, under present conditions, at least one, and probably all, of the following factors will tend to intensify vitamin deficiencies:—

1 Restriction of supplies of butter, cream, meat and *Citrus* fruits
2 Increased demands imposed by mental, emotional and physical stress and exertion
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For correcting these intensified vitamin deficiencies Multivite is the ideal product; it is concentrated, stable, compact, palatable and, therefore, suitable for young children, adults, the aged and convalescents alike.
Each tin of 50 Multivite Pellets, costing three shillings, contains the equivalent of Vitamin A in 5 lb. of butter, Vitamin B_1 in 5 lb. of wholemeal bread, Vitamin C in 20 oranges and Vitamin D in 50 pints of cream.

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the commonest indication of vitamin A deficiency, becomes more apparent in the blackout.

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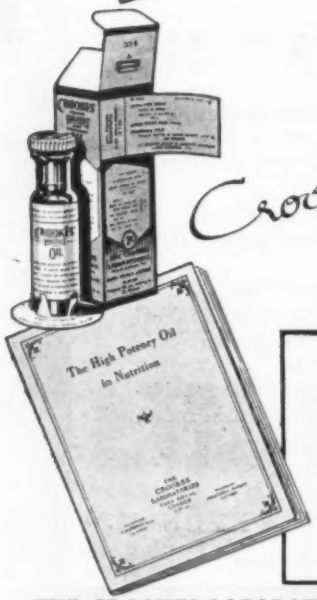

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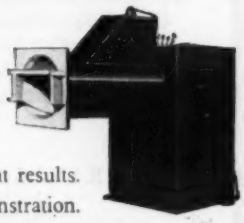

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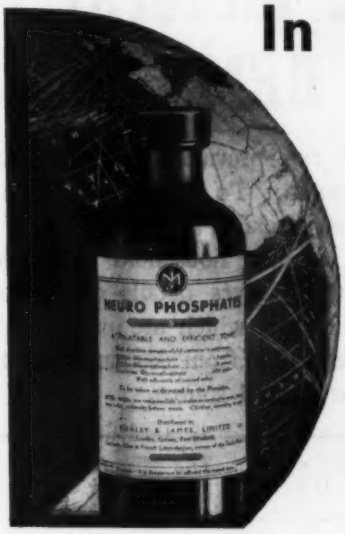

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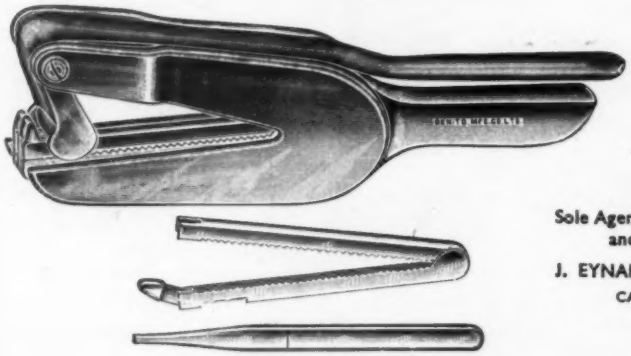

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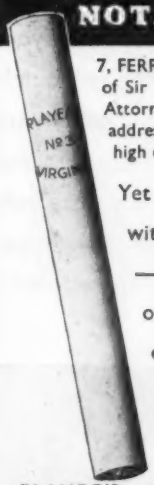

7, FERRY ROAD, TOPSHAM. The House of Sir William Follett, born 1798, famous Attorney-General who, being paralysed, addressed the House of Commons from a high chair.

Yet another famous number with smokers is Player's No. 3 —that well-known cigarette of delightful mellowness and excellent flavour, distinguished for the *finer* quality of its selected leaf.

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EXTRA QUALITY CIGARETTES
20 FOR 1/10 50 FOR 4/6 50 TINS (plain only) 4/7
PLAIN OR CORK TIPS

3.P.75F

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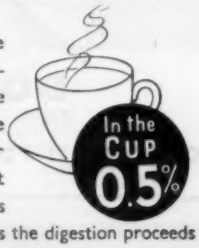
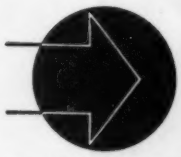


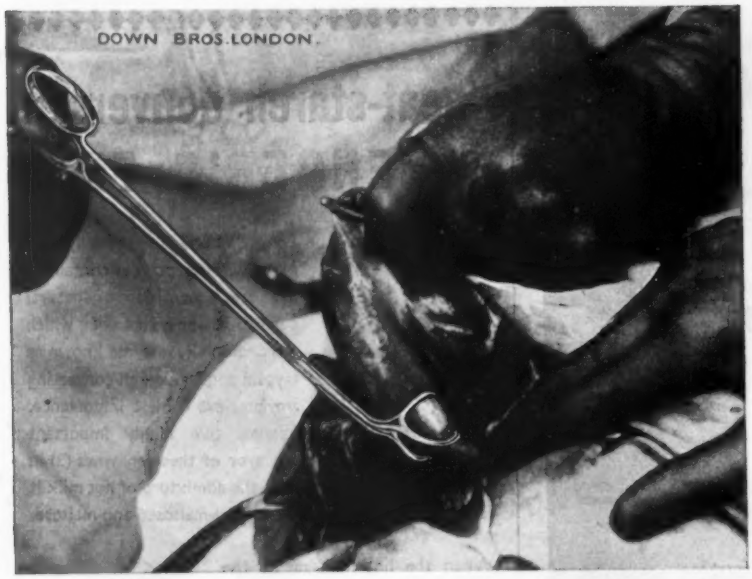
When the hot milk meets the cold mixture the resulting temperature is correct for the enzyme action. Within two minutes the starch of the wheaten powder has been made soluble so that prepared Benger's Food contains only 0.5% of insoluble starch. As the digestion proceeds the trypsin modifies the milk protein so that when it comes in contact with the gastric juices, it separates into fine flocculi, as compared to the heavy tough curd formed by milk itself. Both actions take place whilst the Food is too hot to drink.



For Infants, Invalids and those suffering from severe digestive weakness, the time for pre-digesting Benger's Food should be extended to 15 minutes and upwards to 45 minutes. At the end of this period the wheaten powder is converted to dextrins, dextrimaltoses and maltose, and the milk proteins modified so that the finest possible curd is formed on contact with the gastric juices.

Sole Manufacturers: **BENGER'S FOOD LTD.**
Holmes Chapel, Cheshire, Eng.

The Benger Laboratories are always at the disposal of the medical profession in any of their dietetic problems.
Physicians' samples of Benger's Food are always available.



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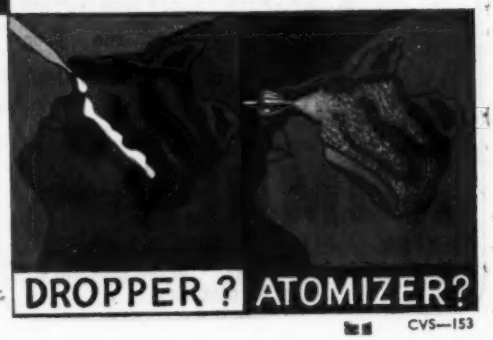

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supplies valuable mineral salts which aid the normal cell processes, and help to overcome the devitalizing effects of respiratory infections, pregnancy, and dietary deficiencies.

Great care is taken in the manufacture of this dependable, bitter, and reconstructive Tonic, to ensure that its exceptional quality is maintained.

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In the presence of blood

it is a marked property of 'Dettol' that it maintains high germicidal efficiency when blood or pus is present—even in considerable quantity. The value in emergency of this modern antiseptic—which can be used rapidly without danger, discomfort or staining—is now everywhere acknowledged.

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TRADE MARK

The Modern Antiseptic

Sold by Chemists and Medical Suppliers in bottles, 1/-, 1/9, 3/-, 5/- and 7/6, and in larger sizes for Medical and Hospital use. These prices do not apply in Eire or Overseas. Full information on request.

RECKITT & SONS, HULL & LONDON. (PHARMACEUTICAL DEPT., HULL)

"Particularly suitable for young and sensitive skins."

Wright's Coal Tar Soap is a soap of the highest quality and purity — particularly suited to the care and protection of young and sensitive skins. For generations it has been recommended by doctors and nurses on account of its bland qualities and proved protective powers against infection. It is the only toilet soap to contain 'Liquor Carbonis Detergens' (Wright's), the valuable antiseptic and antipruritic recommended in standard works on dermatology. It is significant that doctors themselves use Wright's more than any other toilet soap.

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GYNOMIN is the only contraceptive tablet manufactured from the original SPETON formula—known to the medical profession throughout the world for the past 25 years.

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Tube of 12 Tablets. Stocked by all Pharmacists throughout the world.

The safe prescription during the observation period in all Gastric cases . . ,

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pure fluid

MAGNESIA

Bland, safe, and certainly most effective, it calms symptoms and enables a speedier diagnosis to be reached.

DINNEFORD and CO., LTD.

GREAT WEST ROAD, BRENTFORD, MIDDLESEX

Specially designed for use in the treatment of **Pneumonia, Bronchitis, Pleurisy** *and similar affections of the Chest and Lungs.*

Made from the superfine grade of "Gamgee" tissue, made exclusively by Robinsons of Chesterfield and reputed as the finest dressing for use in Thermal treatment. Invented by, and prepared exactly according to the direction of the late Sampson Gamgee, F.R.S.E., Consulting Surgeon to the Queen's Hospital, Birmingham. Made in six sizes. 9½d. to 3/-. Obtainable from all Chemists.

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SOLE PROPRIETORS & MANUFACTURERS: ROBINSON & SONS LTD. OF CHESTERFIELD & 168 OLD ST., LONDON, E.C.1

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE

(UNIVERSITY OF LONDON)

Incorporating the Ross Institute

COURSE OF INSTRUCTION IN INDUSTRIAL MEDICINE AND INDUSTRIAL HYGIENE

A short intensive course in Industrial Medicine and Industrial Hygiene will be given in the London School of Hygiene and Tropical Medicine, beginning on MONDAY, 11TH NOVEMBER, 1940, and lasting two weeks.

The course is intended specially for Works Medical Officers. The lectures will be given by recognized experts and visits to various factories will be arranged.

The visits will be in the mornings and the lectures in the afternoons, and part-time attendance can be arranged.

The fee for the course is £2 2s.

Further information may be obtained from the Secretary, London School of Hygiene and Tropical Medicine, Keppel Street (Gower Street), W.C.1. (MUSeum 3041.)

BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

Course on CHEST SURGERY

1940.		
Monday, 4th Nov.	10 A.M.	Introductory Lecture.
	11.30 A.M.	Anatomy, Physiology, and Pathology of Wounds of Chest.
	12.30 P.M.	Lunch.
	1.15 P.M.	Bus to Royal College of Surgeons.
	2–4 P.M.	Demonstration of Specimens of Gunshot Wounds.
Tuesday, 5th Nov.	10 A.M.	The Surgery of the Open Thorax.
	11.15 A.M.–12.30 P.M.	Anæsthesia in Chest Surgery.
	12.30–1.30 P.M.	Lunch.
	1.30–2 P.M.	Instruments and Appliances Used or that can be Used in Chest Work.
	2–4 P.M.	Operative Demonstrations on the Cadaver.
Wednesday, 6th Nov.	10 A.M.	Gunshot Wounds of the Heart.
	11.15 A.M.	Radiography in Gunshot Wounds of the Chest.
Wednesday (contd.)	12.30–2 P.M.	Lunch.
	2 P.M.	Thoracico-Abdominal Wounds.
	3.15–4.15 P.M.	Drainage of Pleural Cavity.
Thursday, 7th Nov.	10 A.M.	Technique of Operations for Removal of Foreign Bodies from Lung—Other Operations for Late Wounds, etc.
	11.15 A.M.	Closed Wounds of Chest, etc.
	12.30–2 P.M.	Lunch.
	2–4 P.M.	Operations on Cadaver, Mediastinum, Heart, etc.
Friday, 8th Nov.	10 A.M.	Late Results of Gunshot Wounds.
	11.15 A.M.	Other Aspects of Closed Wounds of Chest, Collapse Therapy, &c.
	12.30–2 P.M.	Lunch.
	2–4 P.M.	Miscellaneous Considerations Regarding Chest Surgery, followed by a General Discussion.

The fee for the course will be £1 1s., but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, London, W.12.

It is hoped to arrange further War Courses as follows: WAR SURGERY OF THE NERVOUS SYSTEM, November 18th–22nd. OPERATIVE SURGERY IN WARTIME, including CADAVER SURGERY, December 2nd–13th.

STATIONS: Wood Lane (Central London Railway), Ladbroke Grove (Metropolitan Railway) and No. 7 (Acton Vale) Bus.
BUSES: No. 7 (Acton Vale), Nos. 72 and 105 to Bloemfontein Road, Westway. TROLLEY-BUSES: Nos. 628 and 630.

University of London.

EXAMINERSHIPS IN MEDICAL SUBJECTS.

The Senate invite applications for several Examinerships in the following subjects of Examinations in the Faculty of Medicine for 1941:—

MEDICINE, SURGERY, OBSTETRICS AND GYNÆCOLOGY, HYGIENE, FORENSIC MEDICINE, PATHOLOGY, APPLIED PHARMACOLOGY, THERAPEUTICS, NEUROLOGY, OPHTHALMOLOGY, PSYCHOLOGICAL MEDICINE, OTO-RHINO-LARYNGOLOGY.

Applications must be received not later than 1st November, 1940, by the Principal, University of London, c/o Royal Holloway College, Englefield Green, Surrey, from whom further particulars and forms of application may be obtained.

The Welsh National School of Medicine.

(UNIVERSITY OF WALES.)

DIPLOMA IN PUBLIC HEALTH.

Courses for the Diploma in Public Health will begin in January, 1941, if a sufficient number of students apply. The Part I course will be full-time for three months, Part II part-time for nine months.

Applications for admission must be received before November 9th, 1940, by the Secretary, 10, The Parade, Cardiff, from whom a Prospectus and further information may be obtained.

Epsom College.

COUNCIL EXHIBITIONS.

An EXAMINATION will take place in due course for the admission of a few boys as Council Exhibitioners. The fee payable is £75 a year, instead of the usual fee of £135. Candidates must be the sons of such duly qualified medical men as shall, in the opinion of the Council, be among the less fortunate members of their profession. They must be over twelve and under fourteen years of age on 1st January, 1941.

Application forms are obtainable on request, and must reach me at the Secretary's Office, Epsom College, Epsom, Surrey, duly completed, by the morning of the 16th December, 1940.

W. L. GIFFARD (Major), Secretary.

14th October, 1940.

Royal College of Obstetricians and GYNÆCOLOGISTS,

58, Queen Anne-street, London, W.1.

EXAMINATION FOR THE MEMBERSHIP
Commences JANUARY 13th, 1941.

Applications, on the prescribed form, must reach the College not later than Tuesday, November 5th, 1940. Candidates whose applications are accepted must submit case-records, &c., as required by the regulations not later than Wednesday, December 20th, 1940.

G. F. GIBBERD, Hon. Secretary.

STRETTON HOUSE,

Church Stretton, Shropshire.

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. McCLINTOCK.

THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £5 5s. per week upwards.
2nd Class (men and women) 32/- per week.

For further particulars apply: C. EDGAR GRISEWOOD, A.C.A.
Secretary, 20, Exchange Street East, Liverpool, 2

ALCOHOLISM

Drug Habits, and Nervous Disorders

25 minutes from London, situated in charming grounds and country, is a "home from home" for those seeking rest and treatment under medical supervision. Fees from 6 guineas. Illustrated brochure on application to the matron.

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OLD HILL HOUSE

CHISLEHURST, KENT.

CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

For Mental Cases with or without Certificates.

Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—
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Tel.: Amherst 1642.

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Also Fully Trained Nurses for
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Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"
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THE NURSES' ASSOCIATION
In conjunction with the MALE NURSES' ASSN.
29, YORK ST., BAKER ST., LONDON, W.1
Mrs. MILLICENT HICKS, *Superintendent* W. J. HICKS, *Secretary*

WEIR COTTAGE
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Reception area London 20 miles Grounds of 10 acres
A Private Home for Patients receiving Psychotherapy or other special mental treatment. Inclusive fees from 10 guineas
Apply Dr. GLAISTER Tel.: Chertsey 2135 & Welbeck 0049

PORTSMOUTH CITY MENTAL HOSPITAL
Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.
Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

PRIOR PLACE SANATORIUM
HEATHERSIDE, CAMBERLEY, SURREY
FOR THE TREATMENT OF PULMONARY TUBERCULOSIS
Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.
RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

MALLING PLACE, KENT
For LADIES and GENTLEMEN of Unsound Mind.
Terms moderate. Apply to Resident Medical Superintendent.
Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

THE COPPICE, NOTTINGHAM.
HOSPITAL FOR MENTAL DISEASES.
President: The Right Hon. LORD BELPER.
This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.
Telephone: 64117 Nottingham.

THE RETREAT, YORK
The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder
This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.
Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.
For information and terms of admission apply to:—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone: York 3612)
who is available for consultation

PECKHAM HOUSE, 112, Peckham Road, London, S.E.15
Telegrams: "Alleviated, London" Telephone: Rodney 2641-2642
A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.
Terms from 3½ guineas weekly.
Illustrated Prospectus may be obtained from the Physician Superintendent.

HAYDOCK LODGE,
NEWTON-LE-WILLOWS, LANCASHIRE.
For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.
CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.
Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No. 8 Formby.*

NORTHUMBERLAND HOUSE

GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.
Telephone: Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."
For further particulars apply to the MEDICAL SUPERINTENDENT.

TOR-NA-DEE SANATORIUM

Managing Director: DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent: R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*
Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

CALDECOTE HALL

NUNEATON
WARWICKSHIRE
('Phone: Nuneaton 241)

Residential treatment of

"Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.

HOLLOWAY SANATORIUM

VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—
The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS,

NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 60 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

Med. Supt.: GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards, according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

CITY OF LONDON MENTAL HOSPITAL

Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of CASUALTY OFFICER and HOUSE SURGEON (A) (two vacancies, one of which includes duties in the EAR, NOSE, AND THROAT, DENTAL AND GYNÆCOLOGICAL DEPARTMENTS and the other in the ORTHOPÆDIC CHILDREN AND EYE DEPARTMENTS) to become vacant on 31st October, 1940, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

4th October, 1940.

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1) to become vacant on 1st November, 1940. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. (Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.) Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

4th October, 1940.

National Temperance Hospital,

Hampstead-road, N.W.1.

Applications are invited for the posts of HOUSE PHYSICIAN and CASUALTY OFFICER who will be required to act as House Surgeon under the E.M.S. (A Post). Salary £130 and £140 per annum respectively and board, residence, and laundry. The appointment is for a period of six months as from November 1st.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials by the 22nd October, addressed to the Secretary.

Belgrave Hospital for Children,

1, Clapham Road, S.W.9.

The Committee of Management invite applications for the position of SECOND RESIDENT MEDICAL OFFICER (A) which will become vacant on November 1st. Applicants (Men or Women), including R Practitioners within three months of qualification, must be fully qualified and registered.

The appointment is for six months, with board-residence and laundry provided. Salary at the rate of £100 p.a. The successful candidate would become eligible for a further emolument in the First Aid Post if willing and able to undertake the duties.

Applications, with copies of testimonials, stating age, should be forwarded as soon as possible to

THOMAS CLAPHAM, Secretary.

Resident Assistant Medical Officer

(ANÆSTHETIST) (B1) required by MIDDLESEX COUNTY COUNCIL for CENTRAL MIDDLESEX COUNTY HOSPITAL, Acton-lane, Willesden, N.W.10. Applicants must be registered Medical Practitioners, including suitable qualified R Practitioners holding B2 or B1 appointments and who have held resident posts in general hospitals and are skilled and experienced in the administration of anæsthetics by modern methods. Salary £400–£25–£475 per annum. Board, lodging, and laundry. Whole-time duties under Medical Superintendent, including administering of anæsthetics and such other duties as may be required. Appointment four years only. Unestablished, subject to medical examination and one month's notice.

Application, stating age, nationality, qualifications with dates, experience, and details of previous appointments to the undersigned. No application forms provided. Relationship to any member of officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 2nd November.

C. W. RADCLIFFE, "Z," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

40

Metropolitan Borough of Wandsworth.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT TUBERCULOSIS OFFICER.

Applications are invited for the appointment of Temporary Assistant Medical Officer of Health and Assistant Tuberculosis Officer (Male) at a salary of £600 per annum, together with an allowance on a mileage basis for use of own car. Candidates must be registered Medical Practitioners, not less than twenty-five nor more than fifty years of age, must have had not less than eighteen months' clinical experience of which not less than six months must have been spent in a hospital as resident officer in charge of beds occupied by general or surgical cases, and must have had special training for not less than six months in the diagnosis and treatment of tuberculosis. Practical experience in the work of a Tuberculosis Dispensary is essential, and practical experience in Bacteriology will be an advantage.

Forms of application, further particulars, and conditions of the appointment may be obtained from me.

Applications for the appointment must be received by me not later than 2nd November, 1940. All communications must be addressed to "The Town Clerk, Municipal Buildings, Wandsworth, S.W.18," the envelope being marked "Assistant Medical Officer of Health."

By Order,

R. H. JERMAN, Town Clerk.

Municipal Buildings, Wandsworth, S.W.18, 7th October, 1940.

Metropolitan Borough of Islington.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH

The Council invite applications for the appointment of MEDICAL OFFICER OF HEALTH, to include the offices of Chief Executive Tuberculosis Officer and Chief Executive Medical Officer for Maternity and Child Welfare purposes.

The salary will be at the rate of £1400 per annum, rising by annual increments of £50 to a maximum of £1600 per annum, and will be an inclusive one.

The candidate appointed will be required to devote the whole of his time to the duties of the office and will not be permitted to engage in private practice.

The appointment will be subject to the rules and regulations of the Council from time to time in force relating to their officers and to the approval of the Minister of Health.

Candidates, whose age must not exceed 45 years, must be registered Medical Practitioners and possess the qualifications prescribed by the London Government Act 1939. The candidate appointed will not be required to reside in the Borough provided his place of residence be approved by the Council and the Minister of Health.

Applications, accompanied by copies of not more than three recent testimonials, on forms to be obtained from the undersigned, must be delivered at the address stated below not later than noon on Saturday, the 2nd November, 1940, in an envelope endorsed "Appointment of Medical Officer of Health."

Canvassing, either directly or indirectly, will be a disqualification.

W. ERIC ADAMS, Town Clerk.

Town Hall, Upper Street, N.1, 18th October, 1940.

The Nelson Hospital, Merton, S.W.20.

(84 Beds.*)

Two RESIDENT HOUSE SURGEONS (Male) (A) required (vacancies 15th October and 1st November), including R Practitioners within three months of qualification. If held by R Practitioners appointment will be for a period of six months, otherwise for six months in first instance. Salary at rate of £200 per annum, resident. Candidates must be British by nationality and birth.

Applications, with copies of recent testimonials, should be sent to the Secretary forthwith.

* Hospital scheduled as Casualty Receiving Hospital under Emergency Hospital Scheme by which number of beds is brought up to 121.

Royal National Orthopædic Hospital.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who now hold A posts, for the appointment of RESIDENT HOUSE SURGEON (B2) at the Royal National Orthopædic Hospital, Great Portland-street, W.1. Salary £200 per annum, with board, quarters, laundry, &c. Duties to commence November 1st. Six months' appointment.

Applications, stating age, nationality, qualifications, and previous experience, with copies of testimonials, should be sent to the Secretary, 234, Great Portland-street, W.1, not later than October 21st.

Borough of Barking.

DEPUTY MEDICAL OFFICER OF HEALTH.

Applications are invited before the 26th October, 1940, from qualified Medical Practitioners for the designated appointment of DEPUTY MEDICAL OFFICER OF HEALTH AND DEPUTY SCHOOL MEDICAL OFFICER.

Candidates must have had experience in public health work and must hold a registerable qualification in public health.

Salary scale: £725—£25—£800.

Particulars of duties and application form may be obtained from the undersigned.

E. R. FARR, Town Clerk.

Town Hall, Barking, Essex.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Hampstead General Hospital,
Haverstock-hill, N.W.3.

Applications are invited from single Medical Men, including R Practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B2) for six months, vacant 1st November next. Salary £133 6s. 8d. per annum.

Applications, on the prescribed form, with copies of three testimonials, to be returned by 21st October.

KENNETH A. F. MILES, Secretary.

Preston and County of Lancaster Queen
VICTORIA ROYAL INFIRMARY.
General Hospital. (404 Beds.)

APPOINTMENT of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant about the 18th November next. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding an F.R.C.S. Diploma. Suitably qualified Practitioners, including R Practitioners holding B2 or B1 appointments, are invited to apply. The salary is at the rate of £300 per annum, with board, residence, and washing.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to Mr. JOHN GIBSON, F.H.O.A., J.P., Superintendent and Secretary, Royal Infirmary, Preston, on or before 26th October, 1940.

Rochdale Infirmary and Dispensary,
LANCS.
(110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R Practitioner within three months of qualification. If held by R Practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

Infirmary Office, Rochdale. W. WYNNE, Secretary.

Rochdale Infirmary and Dispensary,
LANCS.
(110 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON B2.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the appointment of Senior House Surgeon (B2 appointment). If held by R Practitioner appointment will be limited to six months. The salary attached to the appointment is at the rate of £200 per annum, with board, residence, laundry, &c.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

Infirmary Office, Rochdale. W. WYNNE, Secretary.

The Royal Liverpool United Hospital.
DAVID LEWIS NORTHERN HOSPITAL.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the following posts:—

One HOUSE PHYSICIAN "A"
One HOUSE SURGEON "A"

The salaries will be at the rate of £70 per annum, with board and residence, and duties will commence immediately for the period until 31st December, 1940, when re-appointment for a further period of six months may be considered. If held by R Practitioners, appointment will be for a period of six months.

Applications, with testimonials, should be sent to the undersigned as soon as possible and not later than 10 A.M. on Thursday, 31st October, 1940.

A. V. J. HINDS, Secretary.

The Royal Liverpool United Hospital,
641, India Buildings, Liverpool, 2.

Corporation of Glasgow
PUBLIC HEALTH DEPARTMENT.

Applications are invited for the post of DEPUTY MEDICAL SUPERINTENDENT (B1) at LENNOX CASTLE INSTITUTION. Salary, £600, rising by biennial increments of £40 to £800 per annum, plus emoluments. Suitably qualified R Practitioners holding B2 or B1 appointments may apply.

Applications, stating age, condition as to marriage, with full details of qualifications and experience, and accompanied by copies of not more than three recent testimonials, to be sent to the undersigned not later than Thursday, 31st October, 1940.

Ability to assist in recreational and occupational therapy essential.

WILLIAM KERR, Town Clerk.

City Chambers, Glasgow, C.1, 12th October, 1940.

The Hospital for Sick Children,
NEWCASTLE UPON TYNE.

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners who now hold A posts, for the appointment of HOUSE PHYSICIAN (B2) for six months as from 1st November, 1940. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent immediately to

J. B. CAIRNCROSS, C.A., House Governor and Secretary.

8th October, 1940.

The General Infirmary at Leeds.
(673 Beds.)

Applications are invited for the post of HONORARY SURGEON to the above institution. The appointment is temporary, and will be terminable within twelve months of the conclusion of hostilities. Candidates must be Fellows of the Royal College of Surgeons of England.

Information relating to the post may be obtained on reference to the House Governor.

Twenty-five copies of applications, accompanied by copies of not less than three recent testimonials, to be addressed to, and received by, the undersigned not later than 31st October, 1940. Envelopes to be endorsed "Private—Honorary Staff."

S. CLAYTON FRYERS, House Governor and Secretary.

Borough of Chorley.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH

Applications are invited for the position of whole-time Male Medical Officer of Health and School Medical Officer. Candidates must have had previous experience in the various duties attaching to the position of Medical Officer of Health, and in addition to the qualifications prescribed by statute must possess the Diploma of Public Health. Salary £800 per annum, plus an allowance of £25 per annum for travelling expenses. The appointment will be subject to the provisions of the Sanitary Officers (Outside London) Regulations, 1935, and to the approval of the Ministry of Health.

Further particulars and form of application may be obtained from the undersigned, by whom application must be received not later than the 4th November, 1940.

15th October, 1940. GEORGE JACKSON, Town Clerk.

Royal Halifax Infirmary.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners, for the following posts: (1) RESIDENT HOUSE PHYSICIAN (B2), who now holds an A post, salary £175 per annum, with full residential emoluments; and (2) CASUALTY OFFICER (A post), salary £150 per annum, with full residential emoluments. If held by an R Practitioner the appointments will be limited to six months, from 1st November, 1940.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

14th October, 1940. A. MIDGLEY, Secretary.

Lancashire County Council.

WRIGHTINGTON HOSPITAL, Near WIGAN.

JUNIOR MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners, (Male, unmarried), including R Practitioners who now hold A posts, for the appointment of Junior Resident Medical Officer (B2), at the Wrightington Hospital, which contains 206 Beds for non-pulmonary tuberculosis (adults and children) and 20 Beds for "combined" pulmonary and non-pulmonary cases. The post becomes vacant on the 2nd November.

The medical staff consists of medical superintendent, two assistants, two consultant orthopædic surgeons and other visiting surgeons. There are excellent facilities for reading for M.D.

The appointment is for six months primarily but may be extended for a further six months. If held by an R Practitioner the appointment is limited to six months.

Salary £300 per annum, together with board, residence, and laundry.

Forms of application and conditions of appointment obtainable from Central Tuberculosis Officer, County Offices, Preston: Letters to be marked "Wrightington M.O."

Closing date 28th October, 1940.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 9th October, 1940.

Lancashire County Council.

PUBLIC HEALTH DEPARTMENT.

COUNTY HOSPITAL, WHISTON, Near PRESCOT.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male or Female) for the above appointment, including R Practitioners who hold A posts and have not completed a five months' tenure of those posts. If the successful applicant is an R Practitioner the appointment will be limited to six months. Otherwise the successful applicant will be eligible for reappointment for a further period of six months.

The salary is at the rate of £250 per annum, with the usual residential emoluments.

The person appointed will be required to take up duty as early as possible.

Forms of application may be obtained from the County Medical Officer of Health, Hospital and Medical Department, County Offices, Preston, to whom all applications, accompanied by copies of not more than two recent testimonials, must be forwarded not later than Monday, the 28th October, 1940.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 8th October, 1940.

City of Portsmouth.

RESIDENT MEDICAL OFFICER AT THE INFECTIOUS DISEASES HOSPITAL (291 Beds) and ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the above appointment from unmarried Medical Practitioners (Male) who have had experience of infectious diseases, and preference will be given to those who possess the Diploma in Public Health. Salary £500–£700, rising by annual increments of £25, inclusive of residential emoluments which are valued at £125.

The gentleman appointed will be required to devote his whole time to the office, which will also include duties in connexion with the work of the Public Health Department as assigned to him by the Medical Officer of Health.

The position is subject to the provisions of the Local Government Superannuation Act, 1937, and the successful applicant will be required to pass a medical examination.

Application forms may be obtained from, and must be returned to, the Acting Medical Officer of Health, Northern Secondary School, Portsmouth, not later than Wednesday, 30th October, 1940.

Canvassing will be a disqualification.

F. J. SPARKS, Town Clerk.

The Guildhall, Portsmouth, 8th October, 1940.

County Mental Hospital, Prestwich,

MANCHESTER.

LOCUM TENENS MEDICAL OFFICER (B1) required at the above Hospital. Salary £7 7s. per week, with board, lodging, and laundry. Copy testimonials only must be sent. R Practitioners holding B2 or B1 appointments may apply.

Candidates must be unmarried and registered under the Medical Act. Appointment terminable by one week's notice on either side.

Apply as soon as possible, stating age, hospital and other experience, qualifications, and full particulars, to the MEDICAL SUPERINTENDENT.

Liverpool and District Hospital for

DISEASES OF THE HEART,
34, Oxford-street, Liverpool, 7.

Applications are invited from registered Medical Practitioners, Male and Female, for the immediate appointment of a HOUSE PHYSICIAN (A). If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss LEWIS, Secretary.

Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, lights, and fuel (not board).

Ultra-violet Ray Clinic. The institution is a non-provident one. No beds. No midwifery.

The applicant must be prepared to commence her duties on or about 24th December, 1940.

Applications, stating age, and accompanied by copies of recent testimonials, to be sent by 1st November, 1940.

R. H. WILLATT, Secretary.

5, Thurland-street, Nottingham.

Whitchurch Emergency Hospital,

CARDIFF.

APPOINTMENT OF THREE HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of three House Surgeons immediately, including registered Practitioners within three months of qualification. If held by registered Practitioner, appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the MEDICAL SUPERINTENDENT immediately.

9th October, 1940.

County Borough of Bournemouth.

FAIRMILE EMERGENCY HOSPITAL, CHRISTCHURCH.

JUNIOR ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification.

The appointment, if held by an R Practitioner, will be for a period of six months. Salary is at the rate of £200 per annum, with board and residence.

Applications, stating age, qualifications with dates, and other essential details, accompanied by copies of three recent testimonials, should be sent to me in envelopes endorsed "Medical Officer" not later than October 30th, 1940.

H. GORDON SMITH, Medical Officer of Health.

Chesterfield and North Derbyshire

ROYAL HOSPITAL.
(220 Surgical and Medical Beds.)

HOUSE SURGEON to OPHTHALMIC and EAR, NOSE, AND THROAT DEPARTMENTS.
(A Appointment.)

Applications are invited from fully qualified Men for the above post.

The appointment is for six months, to commence as soon as possible.

Salary at the rate of £150 per annum, with board, apartments, and laundry.

Applications, stating age and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, Superintendent and Secretary.

9th October, 1940.

Royal Sheffield Infirmary and Hospital.

Applications are invited from registered Medical Practitioners for the appointment of whole-time ASSISTANT (Male) to the DERMATOLOGICAL DEPARTMENT, now vacant. (B1 post.)

Applicants should have held house appointments and had experience. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary £300 per annum, with additional fees for attendances at V.D. Clinics, particulars of which will be given upon application.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by three recent testimonials, should be sent to the undersigned forthwith.

W. H. BOOTH, Secretary.

West-street, Sheffield.

County Borough of Brighton.

SANATORIUM AND INFECTIOUS DISEASE HOSPITAL.

Applications are invited for the post of Male JUNIOR RESIDENT MEDICAL OFFICER (B2 appointment) from registered Medical Practitioners, including R Practitioners who hold A posts and who have not completed a five months' tenure of those posts.

Salary £250 per annum, with board and lodging.

The appointment is for a period of six months and affords opportunities for experience in all branches of the work of a Health Department, including Civil Defence duties.

Particulars and forms of application can be had from the undersigned.

Applications must be delivered at my office before 10 A.M. on Monday, 4th November, 1940.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton, 1, October, 1940.

City of Birmingham.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

The Public Health and Maternity and Child Welfare Committee invite applications for a temporary whole-time Assistant Medical Officer of Health for general public health duties. The appointment is intended to be for the duration of the war. Candidates must be qualified Medical Practitioners and hold the Diploma in Public Health.

Salary £500, rising by annual increments of £25 to £700 per annum, but consideration will be given to previous experience in fixing the initial salary.

Applications, setting out the candidate's age, qualifications, and previous hospital and public health experience, to be sent in candidate's own handwriting, accompanied by copies of two recent testimonials, to the Medical Officer of Health, Council House, Birmingham, not later than Thursday morning, 24th October.

F. H. C. WILTSHIRE, Town Clerk.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.

Applications are invited from registered Medical Practitioners (Male and Female) for the undermentioned posts :—

ORTHOPÆDIC HOUSE SURGEON (B2) vacant 15th November, 1940,

CASUALTY OFFICER (A),

including R Practitioners who now hold A posts. The Orthopædic Department serves one of the largest fracture clinics in the country and offers exceptional experience. Salary attached to each post is at the rate of £150 per annum, with full residential emoluments and the posts are tenable for six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

7th October, 1940.

Coventry & Warwickshire Hospital.

(452 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female (including R Practitioners within three months of qualification), for the appointments as below, to become vacant on November 1st next. Salary is at the rate of £150 per annum, with full residential emoluments :—

One HOUSE PHYSICIAN (A).

One HOUSE PHYSICIAN (A) combining also duties of House Surgeon to OPHTHALMIC DEPARTMENT.

One HOUSE SURGEON (A) to the FRACTURE AND ORTHOPÆDIC DEPARTMENT.

One HOUSE SURGEON (A) to the EAR, NOSE, AND THROAT DEPARTMENT.

One HOUSE SURGEON (A) to the GENERAL SURGICAL DEPARTMENT.

If held by an R Practitioner, appointment will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

S. CECIL HILL, House Governor and Secretary.

The Royal Sussex County Hospital,

BRIGHTON. (380 Beds.)

APPOINTMENT OF MAYO FELLOW IN ANÆSTHETICS (B1).

Applications are invited from registered Medical Practitioners (Male) for the Mayo Fellowship in Anæsthetics (B1) (established March, 1939) tenable at the above Hospital and associated with the Nuffield Professor of Anæsthetics in the University of Oxford.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The Fellowship is of the value of £300 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible, from whom further particulars can be obtained if required.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

City and County of Newcastle upon Tyne.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
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APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R Practitioners within six months of qualification.

The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Emergency Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

3rd October, 1940.

City of Bradford.

MUNICIPAL HOSPITALS.

APPOINTMENT OF HOUSE PHYSICIANS AND SURGEONS (A).

Applications are invited from registered Medical Practitioners for the appointment of House Physician or Surgeon (A posts) at the Municipal Hospitals, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Form of application may be obtained from the Medical Officer of Health, Town Hall, Bradford, and should be returned not later than the 25th October, 1940.

N. L. FLEMING, Town Clerk.

Town Hall, Bradford, 2nd October, 1940.

Altrincham General Hospital.

(100 Beds—2 Residents.)

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on or about 12th November, 1940, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £180 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Wednesday, 23rd October, 1940.

E. A. BIDEN, General Superintendent and Secretary.

Longton Hospital, Stoke-on-Trent.

(56 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners for the appointment of a House Surgeon (A) to become vacant on November 6th, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £180 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. J. HOLLINSON, Secretary.

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(Beds: Adults 280; Children 120.)

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for a HOUSE SURGEON (Male) (B2) required to commence duties on November 1st, 1940. Appointment for six months, with possibility of extension, except in the case of R Practitioners, when appointment will be limited to six months. Salary at the rate of £200 per annum, with board, residence, and laundry.

Two weeks' holiday for each six months' service.

Applications, stating age, qualifications, and experience, with copies of three recent testimonials, to be addressed to the Secretary-Superintendent, and to reach him not later than October 22nd, 1940.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a CASUALTY HOUSE SURGEON (Male) (A), required immediately.

The appointment is for six months. Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered Medical Practitioners (Male and Female), including R Practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital. Duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

Newark General Hospital.

(66 Normal Beds.)

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment of RESIDENT HOUSE SURGEON (B2) to become vacant on or about November 16th, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be subject to renewal if mutually desired. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, sex, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

B. C. DION, Secretary-Superintendent.

Nottinghamshire County Council.

RANSOM SANATORIUM.

APPOINTMENT OF TEMPORARY JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Female) for the appointment now vacant of Temporary Junior Assistant Resident Medical Officer. The appointment will be for the duration of the war, but may in the meantime be determined by one month's notice. The salary is at the rate of £200 per annum, with full residential emoluments.

Experience in the treatment of surgical tuberculosis and X-ray work will be an advantage.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 1st November, 1940.

K. TWEEDALE MEABY, Clerk of the County Council.

Shire Hall, Nottingham.

Royal West Sussex Hospital,

CHICHESTER, SUSSEX.

(344 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners, including R Practitioners now holding A posts, for the appointment of Senior House Surgeon, vacant on December 1st, 1940. The appointment will be for a period of six months if held by an R Practitioner, but is otherwise renewable for a further six months.

Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, whether R Practitioner, post now held and experience, and nationality, ccompanied by copies of three recent testimonials, should be sent to the undersigned not later than November 8th, 1940.

K. H. WILLIAMS, House Governor and Secretary.

October 17th, 1940.

Royal West Sussex Hospital,

CHICHESTER, SUSSEX.

APPOINTMENT OF TWO JUNIOR HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of Two Junior House Surgeons, vacant on December 1st, 1940. The appointments will be for a period of six months.

Salary £145 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than November 8th, 1940.

K. H. WILLIAMS, House Governor and Secretary.

October 17th, 1940.

City of Leeds.

PUBLIC HEALTH DEPARTMENT.

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RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months; otherwise it may be extended to twelve months.

The salary is at the rate of £250 per annum, inclusive, together with full residential emoluments. Any fees received must be paid into the city funds.

Candidates must have had experience in Midwifery subsequent to qualifying. The duties of the officer include lecturing to the nursing staff and instruction of pupil midwives.

Applications, stating age, qualifications, &c., together with copies of three recent testimonials, to be forwarded to the undersigned not later than 10 A.M. on Wednesday, 30th October, 1940.

J. JOHNSTONE JERVIS, Medical Officer of Health.

Public Health Department, 12, Market Buildings, Vicar-lane, Leeds, 1.

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MENTAL DEFECTIVES,
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Application forms and full particulars may be obtained from the Medical Superintendent at the Institution.

The Royal Infirmary, Sunderland.

(288 Beds.)

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant early in November.

Applicants must be Fellows of a Royal College of Surgeons or reading for that diploma.

The appointment will be for one year, renewable thereafter every six months at the discretion of the Board of Management, with a maximum period of three years. Salary £250 per annum, rising to £300 after one year's service, with board, residence, and laundry.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The surgical appointments are recognised by the Royal College of Surgeons of England for the six months' training required of candidates before admission to the Final Examination for the Fellowship.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of recent testimonials, should be sent to the undersigned.

M. J. HUNTLEY, House Governor and Secretary.

Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A)

Applications are invited for the above post from registered Medical Practitioners (Male) including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R practitioners. Salary is at the rate of £120 per annum with full residential emoluments.

Applications stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible. R. A. KINGSNORTH, Acting Secretary.

Birmingham and Midland Hospital for

WOMEN.

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment of HOUSE SURGEON (B2) now vacant, including R Practitioners who now hold A posts. The appointment is for six months. Salary to be at the rate of £100 per annum.

Applications, with full particulars and copies of testimonials, to be sent immediately to HUGH C. ASTON, 45, Newhall-street, Birmingham, 3.

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Applications, stating age, qualifications, and experience, together with copies of three recent testimonials, should be sent to the undersigned at once.

G. HURFORD, Secretary, Birmingham United Hospital.

The Queen Elizabeth Hospital, Edgbaston,
Birmingham 15, October 12th, 1940.

Blackburn Royal Infirmary

(244 Beds—Five Residents.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of a House Surgeon (A), including R Practitioners within six months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three testimonials, should be sent to the undersigned as soon as possible.

T. DEWHURST, General Superintendent and Secretary.

Royal Infirmary, Blackburn.

Berkshire County Council Emergency

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Birmingham Maternity Hospital.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A) for six months from 15th November, 1940 (three months in Hospital, three months on district). Salary to be at the rate of £75 per annum. Applications, with full particulars, and copies of testimonials, to be sent immediately to HUGH C. ASTON, 45, Newhall Street, Birmingham 3.

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In order that the patient's immunity may reach a maximum during the time of highest incidence of the common cold, four injections (0.25 c.c., 0.5 c.c., 1 c.c. and 1 c.c.) are advocated during early autumn.

B.D.H. COMMON COLD VACCINE TABLETS *(for oral administration)*

The recommended dosage is one tablet daily for one week, followed by two weeks' rest; thereafter, one tablet daily for a further week, by which time the resistance of the patient is at a maximum.

Immunity, when established by one of the above methods, may be maintained by the oral administration of B.D.H. Common Cold Vaccine Tablets at regular intervals.

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VS/E/36a

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[1] *British Medical Journal*, 1935, November 16th, p. 938.
[2] *British Medical Journal*, 1938, January 15th, p. 105.

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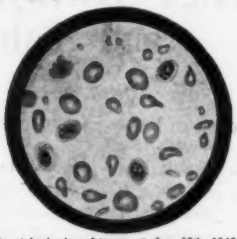
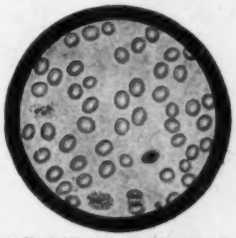


Blood film at beginning of treatment Jan. 30th, 1940. R.B.C. 1.54, Hb. 42, Retic. 0.4, C.I. 1.35, C.V. 21, M.C.V. 136.4



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Vide THE PRESCRIBER, Jan., 1938

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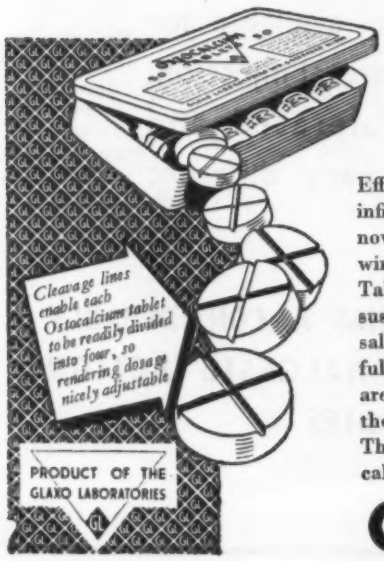

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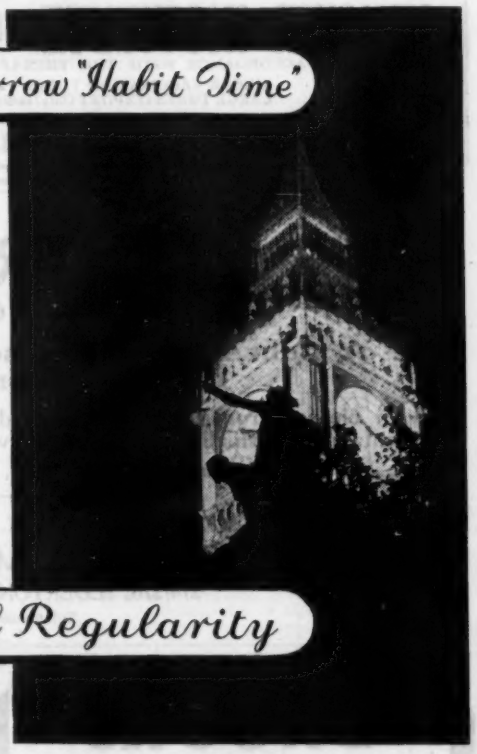

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28

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1940. Monday, 4th Nov.	10 A.M.	Introductory Lecture.	Mr. A. Tudor Edwards, M.D., F.R.C.S.
	11.30 A.M.	Anatomy, Physiology and Pathology of Chest Wounds.	Mr. T. Holmes Sellors, D.M.,M.Ch.,F.R.C.S.
	12.30 P.M.	Lunch.	
	1.15 P.M.	Bus to Royal College of Surgeons.	
	2 P.M.	Demonstration of Specimens of Gunshot Wounds.	Mr. O. S. Tubbs, F.R.C.S.
Tuesday, 5th Nov.	10 A.M.	The Surgery of the Open Thorax.	
	11.15 A.M.	Anæsthesia in Chest Surgery.	Dr. H. Woodfield Davies, B.A., L.M.S.S.A.
	12.30 P.M.	Lunch.	
	1.30 P.M.	Instruments and Appliances used or that can be used in Chest Work.	Mr. R. H. Franklin, F.R.C.S.
	2 P.M.	Operative Demonstrations on the Cadaver.	Mr. A. K. Henry, M.Ch., F.R.C.S.
Wednesday, 6th Nov.	10 A.M.	Gunshot Wounds of the Heart.	Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S.
	11.15 A.M.	Radiography in Gunshot Wounds of the Chest.	Dr. J. Duncan White, M.B.,Ch.B.,D.M.R.E.
Wednesday (contd.)	12.30 P.M.	Lunch.	
	2 P.M.	Thoracico - Abdominal Wounds.	Surg. Rear-Admiral G. Gordon - Taylor, O.B.E., M.S., F.R.C.S.
	3.15 P.M.	Drainage of the Pleural Cavity.	Mr. R. C. Brock, M.S., F.R.C.S.
Thursday, 7th Nov.	10 A.M.	Technique of Operations for Removal of Foreign bodies from Lung—Other Operations for Late Wounds, etc.	Prof. G. Grey Turner, LL.D., D.Ch., M.S., F.R.C.S.
	11.15 A.M.	Closed Wounds of Chest, etc.	Prof. J. A. Nixon, C.M.G.,M.D.,F.R.C.P.
	12.30 P.M.	Lunch.	
	2 P.M.	Operations on Cadaver, Mediastinum, Heart, etc.	Mr. A. K. Henry, M. Ch. F.R.C.S.
Friday, 8th Nov.	10 A.M.	Late Results of Gunshot Wounds.	Mr. J. E. H. Roberts, O.B.E., F.R.C.S.
	11.15 A.M.	Other Aspects of Closed Wounds of Chest, Collapse Therapy, etc.	Major J. G. Scadding, M.D., M.R.C.P.
	12.30 P.M.	Lunch.	
	2 P.M.	Miscellaneous Considerations regarding Chest Surgery, followed by a general discussion.	Major A. L. D'Abreu, M.Ch., F.R.C.S.

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APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

The Council invite applications for the appointment of MEDICAL OFFICER OF HEALTH, to include the offices of Chief Executive Tuberculosis Officer and Chief Executive Medical Officer for Maternity and Child Welfare purposes.

The salary will be at the rate of £1400 per annum, rising by annual increments of £50 to a maximum of £1600 per annum, and will be an inclusive one.

The candidate appointed will be required to devote the whole of his time to the duties of the office and will not be permitted to engage in private practice.

The appointment will be subject to the rules and regulations of the Council from time to time in force relating to their officers and to the approval of the Minister of Health.

Candidates, whose age must not exceed 45 years, must be registered Medical Practitioners and possess the qualifications prescribed by the London Government Act 1939. The candidate appointed will not be required to reside in the Borough provided his place of residence be approved by the Council and the Minister of Health.

Applications, accompanied by copies of not more than three recent testimonials, on forms to be obtained from the undersigned, must be delivered at the address stated below not later than noon on Saturday, the 2nd November, 1940, in an envelope endorsed "Appointment of Medical Officer of Health."

Canvassing, either directly or indirectly, will be a disqualification.

W. ERIC ADAMS, Town Clerk.

Town Hall, Upper Street, N.1, 18th October, 1940.

Resident Assistant Medical Officer

(ANÆSTHETIST) (B1) required by MIDDLESEX COUNTY COUNCIL for CENTRAL MIDDLESEX COUNTY HOSPITAL, Acton-lane, Willesden, N.W.10. Applicants must be registered Medical Practitioners, including suitable qualified R Practitioners holding B2 or B1 appointments and who have held resident posts in general hospitals and are skilled and experienced in the administration of anæsthetics by modern methods. Salary £400–£25–£475 per annum. Board, lodging, and laundry. Whole-time duties under Medical Superintendent, including administering of anæsthetics and such other duties as may be required. Appointment four years only. Unestablished, subject to medical examination and one month's notice.

Application, stating age, nationality, qualifications with dates, experience, and details of previous appointments to the undersigned. No application forms provided. Relationship to any member of officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 2nd November.

C. W. RADCLIFFE, "Z," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Belgrave Hospital for Children,

1, Clapham Road, S.W.9.

The Committee of Management invite applications from registered Medical Practitioners, Male or Female, including R Practitioners within three months of qualification, for the position of SECOND RESIDENT MEDICAL OFFICER (A) which will become vacant on November 1st.

The appointment is for six months, with board-residence and laundry provided. Salary at the rate of £100 p.a. The successful candidate would become eligible for a further emolument in the First Aid Post if willing and able to undertake the duties.

Applications, with copies of testimonials, stating age, should be forwarded as soon as possible to

THOMAS CLAPHAM, Secretary.

The Royal Cancer Hospital (Free)

(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON to commence duty on the 1st January, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Tuesday, 12th November, 1940.

CLEMENT COBBOLD, Secretary.

Resident Casualty Officer (B1)

required by MIDDLESEX COUNTY COUNCIL for REDHILL COUNTY HOSPITAL, EDGWARE, MIDDLESEX. Applications from registered Medical Practitioners, including suitably qualified R Practitioners in B2 or B1 posts, who have held house appointments in general hospitals and have good all round experience. Salary £350 per annum; board, lodging and laundry. Whole-time duties under Medical Superintendent includes dealing with casualties and admissions to hospital and such other duties as may be required. Appointment, subject to medical examination and one month's notice, is for six months in the first instance, may be extended for a further six months. Post vacant early in December.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 9th November, 1940.

C. W. RADCLIFFE "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Resident Assistant Medical Officer

(Woman) (B1) required by MIDDLESEX COUNTY COUNCIL for MIDDLESEX COUNTY MATERNITY HOSPITAL, BUSHEY HEATH, HERTS. Must be registered Medical Practitioners, preferably with M.C.O.G. or D.C.O.G., who have held resident appointments in general hospitals and have special experience and knowledge of obstetrics. Salary £400 × £25–£475 per annum; board, lodging and laundry. Whole-time duties under supervision of Medical Superintendent and Obstetric Surgeon of Redhill County Hospital (under which the Maternity Hospital is administered as an annexe). Duties such as County Council may direct, include medical charge of 50 Beds and attendance at ante-natal clinics at Redhill. Appointment is for four years only, subject to medical examination and one month's notice.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments to the undersigned.

No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 9th November, 1940.

C. W. RADCLIFFE "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

British Postgraduate Medical School

(UNIVERSITY OF LONDON.)

GYNÆCOLOGICAL HOUSE SURGEON.

There is a vacancy for a Gynæcological House Surgeon (A) from November 30th, 1940, and applications are invited from registered Practitioners, Male and Female, including R Practitioners within three months of qualification. The appointment is for six months. Salary is at the rate of £105 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates and nationality, accompanied by copies of three recent testimonials, should be sent to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12, not later than November 5th, 1940.

HOUSE PHYSICIANS.

There are vacancies for three House Physicians (A) from November 30th, 1940, and applications are invited from registered Practitioners, Male and Female, including R Practitioners within three months of qualification. The appointment is for six months. Salary is at the rate of £105 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent not later than November 5th, 1940, to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12.

Metropolitan Hospital,

London, E.8.

APPOINTMENT OF HOUSE SURGEON (A)

Applications are invited from registered Medical Practitioners, Male, for the appointment of a House Surgeon (A) to become vacant on the 1st November, 1940, including R Practitioners within 6 months of qualification.

Salary is at the rate of £200 p.a., with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

FRANK JENNINGS, House Governor and Secretary.

Beckett Hospital & Dispensary,

BARNSLEY.

APPOINTMENT OF JUNIOR HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, including R Practitioners, when appointment will be limited to six months, for the appointment of Junior House Surgeon.

Salary £150 per annum, with board, residence and laundry.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR L. BOURNE, Secretary-Superintendent.

15th October, 1940.

City of Leeds.

PUBLIC HEALTH DEPARTMENT.

ST. MARY'S INFIRMARY, ARMLEY, LEEDS, 12.

RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months; otherwise it may be extended to twelve months.

The salary is at the rate of £250 per annum, inclusive, together with full residential emoluments. Any fees received must be paid into the city funds.

Candidates must have had experience in Midwifery subsequent to qualifying. The duties of the officer include lecturing to the nursing staff and instruction of pupil midwives.

Applications, stating age, qualifications, &c., together with copies of three recent testimonials, to be forwarded to the undersigned not later than 10 A.M. on Wednesday, 30th October, 1940.

J. JOHNSTONE JERVIS, Medical Officer of Health.

Public Health Department, 12, Market Buildings,
Vicar-lane, Leeds, 1.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Royal Buckinghamshire Hospital,
AYLESBURY.

Applications are invited from Male and Female registered Medical Practitioners for the following posts, to commence 1st January, 1941.

1. SENIOR RESIDENT MEDICAL OFFICER. Salary £180 per annum. (Previous experience, including anæsthesia, essential.) This is a B2 post, and applicants, including Practitioners who now hold A posts, are eligible to apply. If held by an R Practitioner the appointment will be limited to six months.
2. HOUSE SURGEON. Salary £120 per annum.
3. HOUSE PHYSICIAN. Salary £120 per annum.

These are both A posts, and applicants, including R Practitioners who are within three months of qualification, are eligible to apply. If held by an R Practitioner the appointment will be for a period of six months.

Full board, residence, and laundry are provided in each case. Opportunity is afforded to deal with London Consultants and to undertake duties, according to the post held, in all branches of medical and surgical practice, including anæsthesia.

Applications, stating age, qualifications with dates, nationality, and present post, together with copies of two recent testimonials, should be sent to the undersigned not later than 6th November, 1940. Selected candidates will require to attend for interview by the Medical Committee on Friday, 15th November, 1940.

F. G. DAWES, Secretary.

Preston and County of Lancaster
ROYAL INFIRMARY.

Applications are invited from properly qualified Male Medical Practitioners, including R Practitioners, when appointment will be limited to six months, for the post of HOUSE SURGEON (A), which will become vacant on 1st November, 1940. Salary at the rate of £150 per annum, with board, residence, and washing.

Applications, stating age, nationality, and qualifications, should be addressed to Mr. JOHN GIBSON, F.H.O.A., J.P., Superintendent and Secretary.

The Royal Eastern Counties'
INSTITUTION FOR THE MENTALLY DEFECTIVE, COLCHESTER.

ASSISTANT MEDICAL OFFICER (Male).

Applications are invited for the above post from duly qualified Medical Practitioners. Total Beds, over 1700.

The medical man appointed will be stationed at the new Extension, Turner Village, which has at present 500 Beds.

The salary will be at the rate of £400 per annum, rising, subject to the Directors' approval, by £25 annually to £450 per annum, together with furnished apartments, board, laundry, and attendance. No deductions. No facilities for a married man. Previous specialisation in Mental Deficiency not necessary.

There is a new and fully equipped Laboratory.

Apply before 5th November, giving age, nationality, full details of qualifications, and copies of testimonials, to the MEDICAL SUPERINTENDENT, Royal Institution, Colchester.

City of Birmingham.
SELLY OAK HOSPITAL.

TEMPORARY RESIDENT SURGEON (B1).

Applications are invited from registered Male Medical Practitioners for a temporary post as General Surgeon. Applicants should have held house appointments, had surgical experience, and hold the Diploma of F.R.C.S. Suitably qualified R Practitioners holding B1 appointments are invited to apply.

Salary at the rate of £700 per annum, rising by annual increments of £50 to £1000, plus full residential emoluments valued at £250 per annum.

Applications, stating age, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, to be sent to the Medical Officer of Health, The Public Health Department, Council House, Congreve-street, Birmingham, 3, not later than the 8th November, 1940.

F. H. C. WILTSHIRE, Town Clerk.

Bootle General Hospital,
LINACRE-LANE, BOOTLE, LIVERPOOL, 20. (131 Beds.)

CASUALTY OFFICER.

Applications are invited from registered Medical Practitioners, Male and Female, for the above (A) appointment, including R Practitioners of three months' qualification.

Appointment is for a period of six months, and salary at the rate of £150 per annum, with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

A. J. COOPER, Secretary-Superintendent.

County Borough of Southend-on-Sea.
SOUTHEND MUNICIPAL HOSPITAL, ROCHFORD, ESSEX.

RESIDENT MEDICAL OFFICER (B2).

Applications are invited for the appointment of a Resident Medical Officer (B2) at the Southend Municipal Hospital, Rochford, Essex, from registered Male Medical Practitioners, including R Practitioners who now hold A posts. If held by an R Practitioner, the appointment will be limited to six months. Otherwise it will be for a period of twelve months.

The salary payable will be at the rate of £325 per annum, with full residential emoluments valued at £100 per annum, less the usual superannuation deductions.

Application forms, obtainable from the Medical Superintendent, should be returned not later than 13th November.

H. J. WORWOOD, Town Clerk.

Town Clerk's Office, Southend-on-Sea.

Berkshire County Council Emergency
HOSPITAL, WALLINGFORD.

Required immediately ASSISTANT MEDICAL OFFICER "A" (R Practitioners within three months of qualification may apply). Salary £200 p.a., plus £100 p.a. in lieu of board and lodging if non-resident. The hospital is administered under the Emergency Hospital Scheme. If an R Practitioner is appointed the appointment will be for a period of six months. Applications stating age, qualifications, etc., to be sent to The County Medical Officer, 11, Abbot's Walk, Reading.

H. J. C. NEOBARD, Clerk of the Council.

Shire Hall, Reading.

Royal Sheffield Infirmary and Hospital.

Applications are invited from registered Medical Practitioners for the appointment of whole-time ASSISTANT (Male) to the DERMATOLOGICAL DEPARTMENT, now vacant. (B1 post.)

Applicants should have held house appointments and had experience. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary £300 per annum, with additional fees for attendances at V.D. Clinics, particulars of which will be given upon application.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by three recent testimonials, should be sent to the undersigned forthwith.

W. H. BOOTH, Secretary.

West-street, Sheffield.

Liverpool and District Hospital for
DISEASES OF THE HEART,
34, Oxford-street, Liverpool, 7.

Applications are invited from registered Medical Practitioners, Male and Female, for the immediate appointment of a HOUSE PHYSICIAN (A). If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss LEWIS, Secretary.

The Royal Sussex County Hospital,
BRIGHTON. (380 Beds.)

APPOINTMENT OF MAYO FELLOW IN ANÆSTHETICS (B1).

Applications are invited from registered Medical Practitioners (Male) for the Mayo Fellowship in Anæsthetics (B1) (established March, 1939) tenable at the above Hospital and associated with the Nuffield Professor of Anæsthetics in the University of Oxford.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The Fellowship is of the value of £300 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible, from whom further particulars can be obtained if required.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

The Royal Liverpool United Hospital.
LIVERPOOL ROYAL INFIRMARY.

APPOINTMENT OF NON-RESIDENT MEDICAL TUTOR (B1).

Applications are invited for the above appointment, duties to commence immediately. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, with testimonials, should be sent to the undersigned as soon as possible and not later than 10 A.M. on Monday, 4th November, 1940.

A. V. J. HINDS, Secretary.

The Royal Liverpool United Hospital,
641, India Buildings, Liverpool, 2.

Derbyshire Royal Infirmary, Derby.
(General Hospital. 416 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of an EAR, NOSE AND THROAT HOUSE SURGEON (A) to become vacant on 15th November, including R Practitioners within six months of qualification. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 4th November.

ARTHUR TAYLOR, Superintendent and Secretary.

Manchester Victoria Memorial Jewish
HOSPITAL
(Non-Sectarian) 103 beds
ELIZABETH STREET, CHEETHAM.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER to become vacant in November. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 4th November, 1940.

D. ROBERTS, Superintendent and Secretary.

The Radcliffe Infirmary, Oxford.

Applications are invited from registered Practitioners, Male and Female, for the following appointments:—

HOUSE PHYSICIAN (A),
HOUSE SURGEON (A),

to become vacant on the 1st December, 1940, including R Practitioners within three months of qualification. Appointments will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Both House Officers will have some anæsthetic duties to perform, and the House Surgeon will also have some Casualty duty.

Applications, stating age, qualifications with dates, and nationality, and accompanied by four copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, 6th November, 1940.

A. G. E. SANCTUARY, Administrator.

The Radcliffe Infirmary, Oxford.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of CASUALTY OFFICER (B2) to become vacant on the 1st December, 1940. Appointment will be for a period of six months. The salary is at the rate of £100 per annum, with full residential emoluments, but the Casualty Officer may, if he desires, live out, in which case he will receive an additional salary at the rate of £100 per annum in lieu of residence.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by four copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, 6th November, 1940.

A. G. E. SANCTUARY, Administrator.

Birmingham United Hospital.
(THE GENERAL HOSPITAL, THE QUEEN'S HOSPITAL, THE QUEEN ELIZABETH HOSPITAL.)

These is a vacancy for an ASSISTANT BACTERIOLOGIST (B2). Duties to include routine Bacteriology and Hæmatology. Salary £350 per annum.

Applications, stating age, qualifications, and experience, together with copies of three recent testimonials, should be sent to the undersigned at once.

G. HURFORD, Secretary, Birmingham United Hospital.

The Queen Elizabeth Hospital, Edgbaston,
Birmingham 15, October 12th, 1940.

East and West Suffolk County Councils.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the post of TEMPORARY ASSISTANT MEDICAL OFFICER at ST. AUDRY'S HOSPITAL, MELTON, SUFFOLK, which is the County Mental Hospital, also a Class 1A Emergency Hospital with 100 Beds. Salary 7 guineas per week, with full residential emoluments.

Applications, with copies of two testimonials, should be sent to the Medical Superintendent as soon as possible.

Northampton General Hospital.
(381 Beds.)

Applications are invited from registered Medical Practitioners (Male or Female) and R Practitioners within three months of qualification, for the appointments of

HOUSE PHYSICIAN (A) and for
RESIDENT ANÆSTHETIST (A).

If held by an R Practitioner, the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence and laundry.

Candidates must be of British nationality.

Applications, stating age, qualifications and dates, with copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

21st October, 1940.

Urban Districts of Atherton and
WESTHOUGHTON.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified persons for the appointment of Medical Officer of Health for the Urban Districts of Atherton and Westhoughton.

The appointment, which is a designated one under the Local Government Superannuation Act, 1937, is temporary for the duration of the present War Emergency, may be determined at any time without notice, with the consent of the Minister of Health, otherwise terminable on three months' notice.

Candidates should possess the Diploma in Public Health.

The person appointed will also be temporarily appointed by the Lancashire County Council as Medical Officer of their Child Welfare and Artificial Light Clinics held at Atherton and Westhoughton. He must devote full time to the duties of the combined appointments and will be restricted from engaging in private practice.

Combined salary £800 per annum, apportioned as follows: Atherton Urban District Council £250; Westhoughton Urban District Council £250; Lancashire County Council £300.

Applications, on forms to be had from the Clerk of the Council, Town Hall, Westhoughton, to be addressed to the Chairman, Joint Committee, Town Hall, Westhoughton, endorsed "Medical Officer" and received not later than 13th November, 1940.

Dated this 21st day of October, 1940.

A. J. KEDWARD,
Clerk of the Atherton Urban District Council.
JOSEPH DICKINSON,
Clerk of the Westhoughton Urban District Council.
Town Hall, Westhoughton.

Swansea General and Eye Hospital.

Applications are invited from registered Medical Practitioners (Male) for the appointment of CASUALTY OFFICER (B2) to become vacant on the 18th November, including R Practitioners who now hold A posts.

Appointment for six months. Salary at the rate of £150–£175 per annum according to experience, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be forwarded to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

Royal South Hants and Southampton
HOSPITAL. (319 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Surgeon (A) for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

EDWARD L. WIRGMAN, House Governor and Secretary.

County Mental Hospital, Prestwich, MANCHESTER.

LOCUM TENENS MEDICAL OFFICER (B1) required at the above Hospital. Salary £7 7s. per week, with board, lodging, and laundry. Copy testimonials only must be sent. R Practitioners holding B2 or B1 appointments may apply.

Candidates must be unmarried and registered under the Medical Act. Appointment terminable by one week's notice on either side.

Apply as soon as possible, stating age, hospital and other experience, qualifications, and full particulars, to the MEDICAL SUPERINTENDENT.

General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered Medical Practitioners (Male and Female), including R Practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital. Duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

Kent and Canterbury Hospital.

(Four R.M.O.'s—364 Beds.)

Applications are invited from Male registered Medical Practitioners for the appointment of a HOUSE SURGEON (B2) to become vacant on 19th November, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be for a period of six months. The salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. F. KENT, Superintendent and Secretary.

17th October, 1940.

CORRECTED ADVERTISEMENT.

Altrincham General Hospital.

(100 Beds—2 Residents.)

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on or about 12th November, 1940, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with testimonials, should reach the undersigned not later than Wednesday, 23rd October, 1940.

E. A. BIDEN, General Superintendent and Secretary.

Assistant Medical Officer required.

Medical Woman with Mental Hospital experience preferred. Salary £300 per annum, with emoluments.

Apply MEDICAL SUPERINTENDENT, The Lawn, Lincoln.

County Council of the West Riding OF YORKSHIRE.

APPOINTMENT OF SCHOOL OCULIST (MALE).

The County Council of the West Riding of Yorkshire invite applications from registered Medical Practitioners under 45 years of age for appointment as School Oculist. Candidates should have at least three years' experience since qualification. Preference will be given to those having special experience in refraction and the prescription of glasses, or who are in possession of a Diploma in Ophthalmology.

Salary £600 per annum, rising by increments of £25 to £700 per annum.

Further particulars and forms of application may be had from the undersigned, by whom all applications, together with copies of not more than three recent testimonials, must be received not later than the 9th November, 1940.

J. CHARLES MCGRATH, Clerk of the County Council.

County Hall, Wakefield, October, 1940.

York County Hospital.

ASSISTANT PATHOLOGIST required in the near future. Terms, etc., to be arranged.

Applications to be addressed to the Secretary, York County Hospital.

Cheltenham Emergency Hospital.

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Surgeon (A) to become vacant immediately, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 2nd November, 1940.

RICHARD L. MOON, Clerk of the County Council.

Shire Hall, Gloucester.

Norfolk and Norwich Hospital, Norwich.

(448 Beds.)

Applications are invited from registered Male Practitioners for the appointment of DEPUTY CASUALTY OFFICER (A) with charge of beds in the SPECIAL DEPARTMENTS (Ear, Nose, and Throat, and Ophthalmic), including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

25th October, 1940.

Hull Royal Infirmary.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now. If held by an R Practitioner the appointment will be for a period of six months.

Applications are also invited, including R holders of A appointments when tenure will be limited to six months, for the post of HOUSE SURGEON (B2) to the OPHTHALMIC and EAR, NOSE, AND THROAT DEPARTMENTS vacant now. The post is recognised for the D.O.M.S. and D.L.O. examinations.

The salary for each post is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

Hospital Convalescent Home, Park-WOOD, SWANLEY, KENT.

(For the reception of patients—women and children—in an early stage of convalescence from the London Hospitals. 120 Beds.)

The Trustees of the Home invite applications for the post of Lady RESIDENT MEDICAL OFFICER, which will be vacant in November.

The appointment is for a period of six months. Salary £200 per annum, with quarters and full board. Candidates should have had recent hospital experience and preferably experience as House Physician to a Children's Department.

Applications, stating age, qualifications, and full details of experience, should be accompanied by copies of three recent testimonials, and addressed to C. M. POWER, Esq., Secretary, Hospital Convalescent Home, c/o Westminster Hospital, London, S.W.1, as soon as possible.

County Borough of Middlesbrough.

ST. LUKE'S HOSPITAL.

A LOCUM TENENS MEDICAL OFFICER (B1) is required for the above Mental Hospital. Candidates must not be eligible for service with H.M. Forces. The salary offered is £8 8s. per week, with board and lodging and washing.

Preference will be given to those with Mental Hospital experience.

Applications should be submitted at once, accompanied by three references, to the Medical Superintendent at the above Hospital.

PRESTON KITCHEN, Clerk to the Visiting Committee.

Municipal Buildings, Middlesbrough, 15th October, 1940.

Hertfordshire County Council.

HAYMEADS EMERGENCY HOSPITAL, BISHOP'S STORTFORD. (755 Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2 Post).

Applications are invited from registered Medical Practitioners (Male or Female) for the appointment of Resident Medical Officer to the Casualty Department in the above Hospital. Preference will be given to candidates who have already held an A post, but recently qualified Practitioners are not excluded. The appointment is for six months, with possibility of prolongation if the candidate selected is not an R Practitioner. Duties will commence immediately the appointment is made. Salary £200 per annum, with board and lodging.

Applications, stating age and giving full particulars of training and experience, accompanied by two recent testimonials, should be addressed to the Medical Superintendent, Haymeads Emergency Hospital, Bishop's Stortford, Herts.

P. ELTON LONGMORE, Clerk of the County Council.

County Hall, Hertford.

Royal Hampshire County Hospital, WINCHESTER.

(331 Beds, increasing to 450.)

Applications are invited from registered Medical Practitioners for the appointment of two HOUSE SURGEONS (A) to become vacant immediately, including R Practitioners within three months of qualification. The appointment will be for a period of six months. Salary is at the rate of £175 a year, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

Borough of Chorley.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH

Applications are invited for the position of whole-time Male Medical Officer of Health and School Medical Officer. Candidates must have had previous experience in the various duties attaching to the position of Medical Officer of Health, and in addition to the qualifications prescribed by statute must possess the Diploma of Public Health. Salary £800 per annum, plus an allowance of £25 per annum for travelling expenses. The appointment will be subject to the provisions of the Sanitary Officers (Outside London) Regulations, 1935, and to the approval of the Ministry of Health.

Further particulars and form of application may be obtained from the undersigned, by whom application must be received not later than the 4th November, 1940.

15th October, 1940. GEORGE JACKSON, Town Clerk.

Corporation of Glasgow

PUBLIC HEALTH DEPARTMENT.

Applications are invited for the post of DEPUTY MEDICAL SUPERINTENDENT (B1) at LENNOX CASTLE INSTITUTION. Salary, £600, rising by biennial increments of £40 to £800 per annum, plus emoluments. Suitably qualified R Practitioners holding B2 or B1 appointments may apply.

Applications, stating age, condition as to marriage, with full details of qualifications and experience, and accompanied by copies of not more than three recent testimonials, to be sent to the undersigned not later than Thursday, 31st October, 1940.

Ability to assist in recreational and occupational therapy essential. WILLIAM KERR, Town Clerk.

City Chambers, Glasgow, C.1, 12th October, 1940.

Rochdale Infirmary and Dispensary,

LANCS.
(110 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

The Board of Management invites applications for the appointment of House Physician (A appointment) now vacant, including R Practitioner within three months of qualification. If held by R Practitioner, appointment will be for a period of six months.

Salary attached to the appointment is at the rate of £150 per annum, including board, residence, and laundry.

Applications, stating age, nationality, &c., together with copies of three recent testimonials, to be sent to the Secretary.

Infirmary Office, Rochdale. W. WYNNE, Secretary.

Rochdale Infirmary and Dispensary,

LANCS.
(110 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON B2.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the appointment of Senior House Surgeon (B2 appointment). If held by R Practitioner appointment will be limited to six months. The salary attached to the appointment is at the rate of £200 per annum, with board, residence, laundry, &c.

Applications, stating age, qualifications, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

Infirmary Office, Rochdale. W. WYNNE, Secretary.

County Borough of Brighton.

SANATORIUM AND INFECTIOUS DISEASE HOSPITAL.

Applications are invited for the post of Male JUNIOR RESIDENT MEDICAL OFFICER (B2 appointment) from registered Medical Practitioners, including R Practitioners who hold A posts and who have not completed a five months' tenure of those posts.

Salary £250 per annum, with board and lodging.

The appointment is for a period of six months and affords opportunities for experience in all branches of the work of a Health Department, including Civil Defence duties.

Particulars and forms of application can be had from the undersigned.

Applications must be delivered at my office before 10 A.M. on Monday, 4th November, 1940.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton, 1, October, 1940.

Nottinghamshire County Council.

RANSOM SANATORIUM.

APPOINTMENT OF TEMPORARY JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Female) for the appointment now vacant of Temporary Junior Assistant Resident Medical Officer. The appointment will be for the duration of the war, but may in the meantime be determined by one month's notice. The salary is at the rate of £200 per annum, with full residential emoluments.

Experience in the treatment of surgical tuberculosis and X-ray work will be an advantage.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 1st November, 1940.

K. TWEEDALE MEABY, Clerk of the County Council.

Shire Hall, Nottingham.

County Borough of Bournemouth.

FAIRMILE EMERGENCY HOSPITAL, CHRISTCHURCH.

JUNIOR ASSISTANT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification.

The appointment, if held by an R Practitioner, will be for a period of six months. Salary is at the rate of £200 per annum, with board and residence.

Applications, stating age, qualifications with dates, and other essential details, accompanied by copies of three recent testimonials, should be sent to me in envelopes endorsed "Medical Officer" not later than October 30th, 1940.

H. GORDON SMITH, Medical Officer of Health.

City of Portsmouth.

RESIDENT MEDICAL OFFICER AT THE INFECTIOUS DISEASES HOSPITAL (291 Beds) and ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the above appointment from unmarried Medical Practitioners (Male) who have had experience of infectious diseases, and preference will be given to those who possess the Diploma in Public Health. Salary £500–£700, rising by annual increments of £25, inclusive of residential emoluments which are valued at £125.

The gentleman appointed will be required to devote his whole time to the office, which will also include duties in connexion with the work of the Public Health Department as assigned to him by the Medical Officer of Health.

The position is subject to the provisions of the Local Government Superannuation Act, 1937, and the successful applicant will be required to pass a medical examination.

Application forms may be obtained from, and must be returned to, the Acting Medical Officer of Health, Northern Secondary School, Portsmouth, not later than Wednesday, 30th October, 1940.

Canvassing will be a disqualification.

F. J. SPARKS, Town Clerk.

The Guildhall, Portsmouth, 8th October, 1940.

The Royal Infirmary, Sunderland.

(288 Beds.)

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant early in November.

Applicants must be Fellows of a Royal College of Surgeons or reading for that diploma.

The appointment will be for one year, renewable thereafter every six months at the discretion of the Board of Management, with a maximum period of three years. Salary £250 per annum, rising to £300 after one year's service, with board, residence, and laundry.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The surgical appointments are recognised by the Royal College of Surgeons of England for the six months' training required of candidates before admission to the Final Examination for the Fellowship.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of recent testimonials, should be sent to the undersigned.

M. J. HUNTLEY, House Governor and Secretary.

Brockhall Certified Institution for

MENTAL DEFECTIVES,
LANGHO, Near BLACKBURN.

Applications are invited from duly registered Medical Women (B1) for the post of TEMPORARY ASSISTANT MEDICAL OFFICER. The Institution affords an excellent opportunity of gaining experience in the care and treatment of mental defectives of both sexes and all ages, accommodating 595 males and 965 females and children: further extensions will be occupied shortly. The appointment will in the first place be on a temporary basis for the duration of the war, but is an addition to the existing medical staff of three and a suitable officer will be considered for a permanent appointment when hostilities cease. Salary £550 per annum, rising to £600 after twelve months' satisfactory service: an additional £50 per annum is payable to the holder of a Diploma in Psychological Medicine or equivalent. Deductions approximately £150 per annum will be made for board, quarters, and laundry. There is also a temporary cost-of-living bonus.

Application forms and full particulars may be obtained from the Medical Superintendent at the Institution.

Newark General Hospital.

(66 Normal Beds.)

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment of RESIDENT HOUSE SURGEON (B2) to become vacant on or about November 16th, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be subject to renewal if mutually desired. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, sex, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

B. C. DION, Secretary-Superintendent.

Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, lights, and fuel (not board).

Ultra-violet Ray Clinic. The institution is a non-provident one. No beds. No midwifery.

The applicant must be prepared to commence her duties on or about 24th December, 1940.

Applications, stating age, and accompanied by copies of recent testimonials, to be sent by 1st November, 1940.

R. H. WILLATT, Secretary.

5, Thurland-street, Nottingham.

Rural District Council of Dartford.

FEMALE PART-TIME MEDICAL OFFICER.

The Council invite applications for the appointment of a Female Part-time Medical Officer at a salary of not less than £250 per annum.

The successful candidate will be under the general direction of the Medical Officer of Health, but the duties will be mainly in connexion with the Council's Maternity and Child Welfare work and she may also be asked to take charge of a Mobile Unit.

Applications, on forms to be obtained from the undersigned, should reach me not later than the 4th November, 1940, endorsed "Medical Officer."

ERNEST JAMES, Clerk to the Council.

Council Offices, West Hill, Dartford, 16th October, 1940.

The Royal Hospital, Sheffield.

(Teaching Hospital. 422 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of SENIOR CASUALTY OFFICER (B1), second in seniority to that of Resident Surgical Officer. R Practitioners holding B2 or B1 posts are invited to apply. Preference given to holders of F.R.C.S. Diploma. Salary is at the rate of £150 per annum, with board, residence, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the SUPERINTENDENT immediately.

The Royal Infirmary, Sunderland.

(288 Beds.)

Appointment of HOUSE SURGEON to the FRACTURE AND ORTHOPÆDIC DEPARTMENT (B2).

Applications are invited from Male registered Medical Practitioners for the above appointment, which is now vacant, including R Practitioners who hold A posts and have not completed their tenure of those posts.

If held by an R Practitioner, the appointment will be limited to six months; otherwise it will be for a period of one year in the first instance.

The salary is at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. J. HUNTLEY, House Governor and Secretary.

County Borough of South Shields.

MATERNITY HOSPITAL.

Applications are invited from fully qualified and registered Women Medical Practitioners for the appointment of an ASSISTANT MEDICAL OFFICER for duty at the New Maternity Hospital.

Salary £350 per annum, rising by annual increments of £25 to £450 per annum, together with emoluments valued at £100 per annum. The salary and emoluments are subject to a deduction for Superannuation purposes.

The appointment is subject to the Local Government Superannuation Act, 1937, and to the Council's Staff Regulations.

The successful candidate will be required to pass a medical examination.

Applications on forms to be obtained from the Medical Officer of Health, Public Health Department, Stanhope-road, South Shields, stating experience and qualifications and accompanied by copies of two recent testimonials, to be sent to the Town Clerk, Town Hall, South Shields, not later than 11th November, 1940.

Canvassing in any form will disqualify the candidate for the appointment.

HAROLD AYREY, Town Clerk.

Town Hall, South Shields, 15th October, 1940.

University of Bristol.

DEPARTMENT OF PREVENTIVE MEDICINE.

Applications are invited for the post of TEMPORARY ASSISTANT BACTERIOLOGIST. Salary £400 per annum. Applicants must have a medical qualification and some experience of bacteriological work.

Applications should be made, not later than November 11th, to the Registrar, the University, Bristol, 8.

Newcastle-upon-Tyne Education Committee.

APPOINTMENT OF ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited for an appointment as full-time Assistant School Medical Officer (Woman). Scale salary £500 per annum, rising by £25 per annum to a maximum of £700 per annum in accordance with the National Scale. Previous school medical service will be taken into consideration in determining the commencing salary. Applicants should have had at least three years' experience in the practice of their profession subsequent to obtaining their qualifications. Special experience in the administration of anæsthetics, also in refraction and the prescribing of spectacles, is desirable.

Form of application and particulars of the appointment may be obtained by sending a stamped addressed foolscap envelope to the Director of Education, Education Office, Northumberland Road, Newcastle-upon-Tyne, 2. Applications will be received up to and including 6th November, 1940.

THOS. WALLING, Director of Education.

Education Office, Northumberland Road,
Newcastle-upon-Tyne, 2.

County Infirmary, Cambridge.

MEDICAL SUPERINTENDENT.

The Cambridgeshire County Council invite applications for the position of Medical Superintendent of the County Infirmary, Cambridge. This is a Public Assistance Institution used partly for that purpose and partly as an Emergency Hospital under the direction of the Ministry of Health. Particulars of the position can be supplied to intending applicants.

The salary offered is £800 a year, together with £100 a year in lieu of residential emoluments, which cannot be provided.

The appointment is temporary and can be terminated by either party on three months' notice.

Applications, stating administrative and clinical experience and giving names of persons to whom reference may be made, should be addressed to the Clerk of the Cambridgeshire County Council, Shire Hall, Cambridge, and must be received before the 10th November, 1940.

22nd October, 1940.

City and County of Newcastle upon Tyne.

SHOTLEY BRIDGE EMERGENCY HOSPITAL.

RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who hold A posts, for the position of Resident Medical Officer (B2). If held by an R practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months.

The salary is at the rate of £350 per annum, together with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, together with copies of not more than three recent testimonials, must be submitted to the Medical Officer of Health, Town Hall, Newcastle upon Tyne, 1, immediately.

16th October, 1940.

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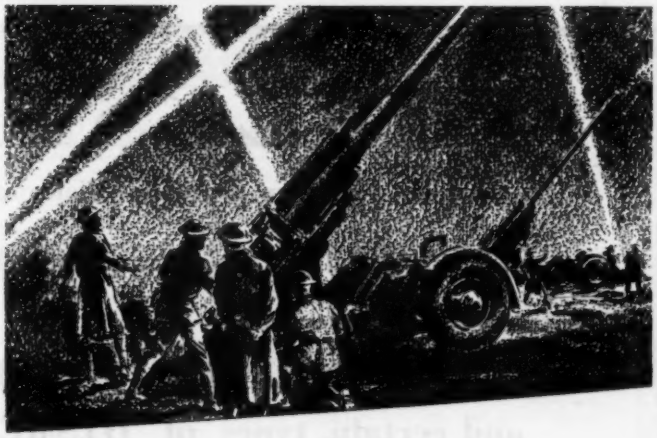

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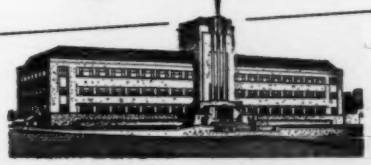

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VII. FURTHER PROBLEMS OF SAMPLING: PROPORTIONS
VIII. FURTHER PROBLEMS OF SAMPLING: DIFFERENCES
IX. FURTHER PROBLEMS OF SAMPLING: χ^2
X. FURTHER EXAMPLES AND DISCUSSION OF χ^2
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XII. CALCULATION OF THE CORRELATION COEFFICIENT
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XV. FURTHER FALLACIES AND DIFFICULTIES
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XVII. CALCULATION OF STANDARDISED DEATH-RATES
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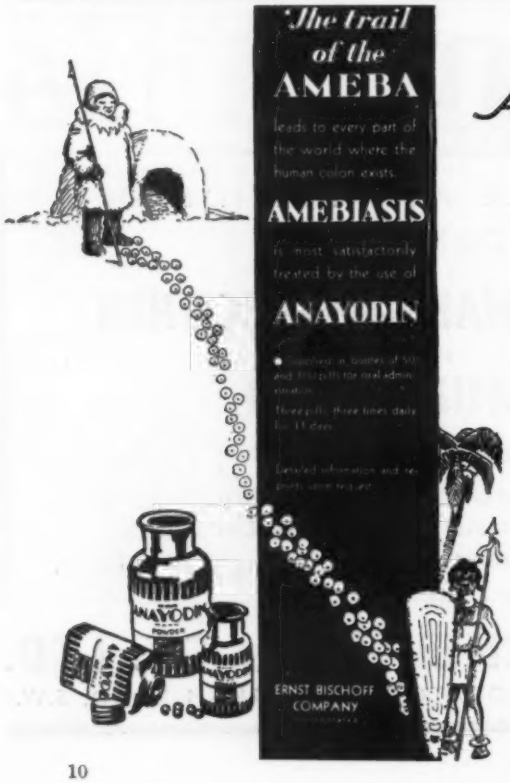

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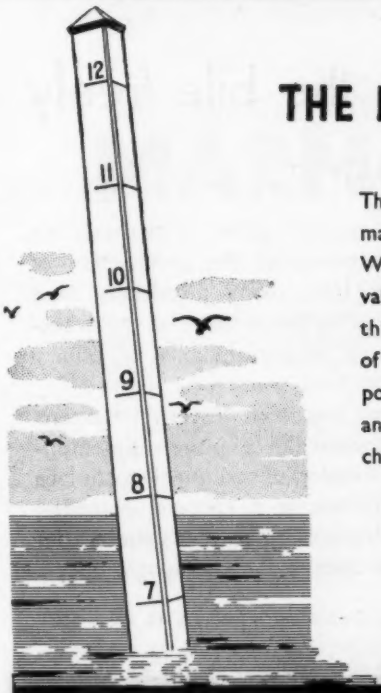

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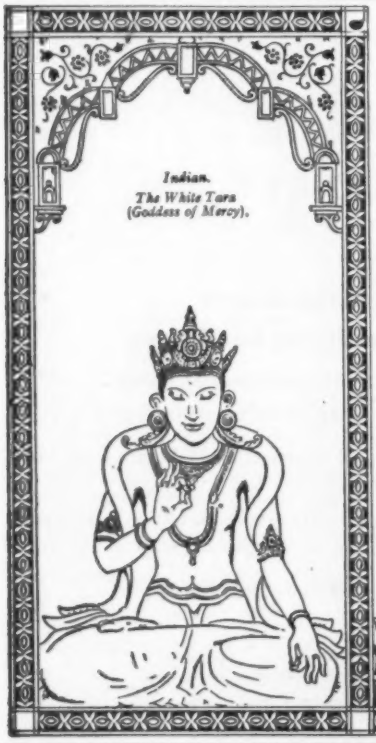

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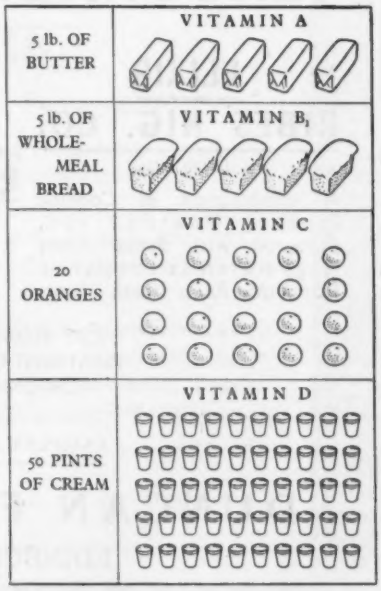

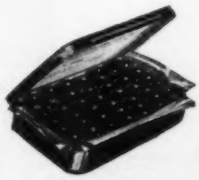

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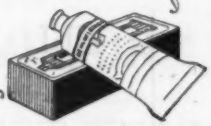

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In addition to its recognized therapeutic value in arthritis, 'Calsiod' has a wide field of usefulness in the many ill-defined conditions loosely grouped under such terms as 'rheumatism,' 'lumbago,' 'fibrositis,' 'neuritis,' 'myalgia,' etc.

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ANTI-MENORRHAGIC FACTOR "GLANULES"

AMPLE SUPPLIES ARE NOW AVAILABLE OF THIS NEWLY DEMONSTRATED ACTIVE FRACTION OF MAMMALIAN LIVER.

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The effective answer of modern therapeutic research to the problem of constipation is Agarol brand Compound — the original mineral oil and agar-agar emulsion with phenolphthalein. It effectively meets the requirements of a gentle yet dependable evacuant in the relief of acute constipation and the treatment of habitual stasis, in young or old, under every condition where a bowel evacuant is indicated.

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A really palatable tonic Elixir for patients of all ages, designed to restore appetite and provide the necessary minerals and vitamins to promote speedy convalescence. Consisting of Vitamins A and D, Iron, Calcium, Glycerophosphates, &c., in a flavoured syrup containing Glucose. Specially suitable for children.

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A valuable stimulant and expectorant cough mixture, containing Carbonate of Ammonium, Ipecacuanha, Senega, Squill, and Syrup of Wild Cherry Bark. Quite free from Morphine, Opium, or poisons, so can be safely administered to children.
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"Typhoid Fever and the Civil Population"

Recent correspondence in the medical press (Brit. Med. Journ., October 12th, 1940, p. 503) has emphasised the fact that '. . . the possibility of epidemics of the typhoid group of fevers has been for some time in the minds of many.

Protection of individual patients against organisms of the typhoid-paratyphoid group will materially reduce the danger, not only to themselves but to the community at large.

For this purpose T.A.B. Vaccine B.D.H., prepared in the bacteriological laboratories of The British Drug Houses Ltd., is conveniently employed. Two injections each of 1 c.c. are given at an interval of approximately one week.

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Phrenazol is also available for use as a cardiac and respiratory stimulant and for the treatment of barbiturate poisoning and anæsthetic narcosis.

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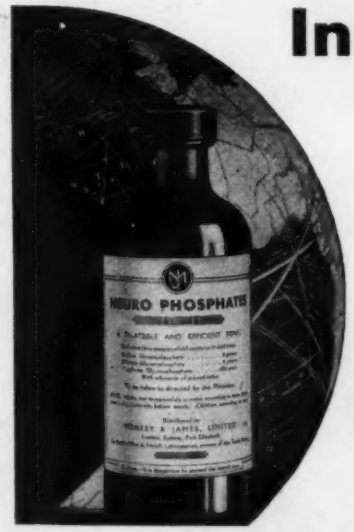

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Neuro Phosphates has long proved its worth as a reconstructive tonic in convalescence following influenza and other debilitating conditions. It is equally valuable after surgical procedures, as its rapidity of action helps to shorten the trying period of post-operative care, and encourages a hopeful outlook.

NEURO PHOSPHATES

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Neuro Phosphates is of marked service in combating depression, nervous exhaustion, impaired vitality, and over-fatigue ; it is therefore specially recommended to counteract war-time's inevitable strain and anxiety.

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Each adult dose (two teaspoonfuls) contains in acid state :
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Calcium glycerophosphate .....2 grs.
Strychnine glycerophosphate.....$\frac{1}{20}$ gr.

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Compact, convenient, effective—'Benzedrine' Brand Inhaler is especially helpful to those who must "carry on" unhampered by head colds or other forms of nasal congestion.

The use of 'Benzedrine' Brand Inhaler at the first sign of a cold will often abort the condition entirely. Even in the acute stages marked symptomatic relief can be obtained and the onset of more serious complications prevented.

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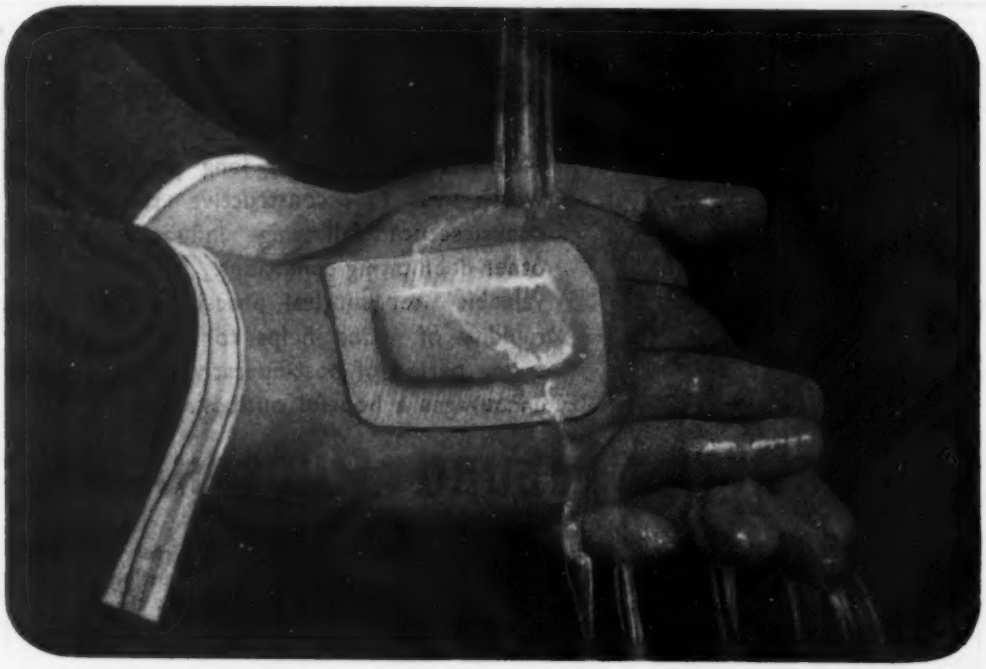

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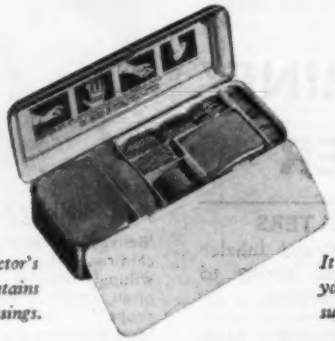

The 'Elastoplast' Doctor's Set, as illustrated, contains 106 'Elastoplast' Dressings.

It is available through your usual surgical supplier at 8/6d.

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Protective factors and Winter infections

As is clearly implied by the familiar description of vitamins as "protective factors," one consequence of the dietary deficiencies so prevalent to-day is an increased liability to a variety of infections.

The word "variety" is important. For since these deficiencies are almost always of a multiple nature, and since moreover the action of many of the deficient elements is synergistic, it is obviously impossible to give anything more than partial protection by prescribing a supplement which provides only one or two vitamins.

There is now available, however, a preparation in which all the vitamins and minerals commonly deficient are combined in the actual quantities needed to make good the deficiencies revealed by recent surveys.

This preparation is Complevite, and the wide range of its effectiveness can be judged from the table. It will readily be seen that Complevite is an ideal preparation to prescribe for the many patients whose poor general health and undue liability to infection follow upon years of multiple dietary deficiencies.

TABLE SHOWING THE AVERAGE DEFICIENCY IN THE DAILY INTAKE OF VITAMINS AND MINERALS AT LOWER INCOME LEVELS AND THE AMOUNTS SUPPLIED BY COMPLEVITE.

Average deficiency		*Amounts supplied by Complevite*
3,700 I.U.	VITAMIN A	4,000 I.U.
150 I.U.	VITAMIN B_1	200 I.U.
350 I.U.	VITAMIN C	400 I.U.
250 I.U.	VITAMIN D	300 I.U.
0.35 grms.	CALCIUM	0.35 grms.
0.002 grms.	IRON (*available*)*	0.012 grms.
0.18 grms.	PHOSPHORUS	0.55 grms.
	TRACE MINERALS	q.s.

* *The iron in Complevite exceeds the calculated deficiency expressly to combat the nutritional anæmia so common in children and women of child-bearing age.*

COMPLEVITE

The first COMPLETE Vitamin and mineral Supplement making good the actual deficiencies in daily diet disclosed by recent surveys

Full particulars and clinical samples gladly sent to medical men. Vitamins Ltd. (Dept. L.G.A.), London, W.6

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Synthetic and Natural Sources

While the main use of vitamin E up to the present has been the treatment of cases of habitual abortion and sterility of dietary origin (with success in about 70 per cent. of cases when whole oil—as in Fertilol—was given) wheat germ oil is now being increasingly used for cases of primary muscular dystrophy, amyotrophic lateral sclerosis, after poliomyelitis and in rarer cases such as amyotonia congenita.

It has been found necessary to use daily doses as large as 30 mg. or more (*Lancet* 2.3.'40, 431) of the synthetic vitamin in progressive muscular dystrophy, whereas good results are recorded with much smaller doses of the natural source of vitamin E (*Lancet* 6.1.'40, 10).

This seems to show that natural sources of vitamin E, such as Fertilol and Bemax, are more effective clinically than synthetic products, possibly because other vitamins present in them may enhance the activity of vitamin E. Wheat germ oil has been available since 1934 as Fertilol.

FERTILOL *Wheat Germ Oil Capsules*

A highly active *natural* and stable source of vitamin E, plus the other naturally occuring factors of wheat germ oil. Complimentary box on request.

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Physiological tests show that "Veguva" Foods are rich in the vitamins, easily assimilable organic iron and other important mineral salts which are essential to normal development and well being and the prophylaxis of deficiency disorders.

"Veguva" is packed by methods which effectively conserve the product and prevent any deterioration.

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explaining in detail the "Veguva" System of Infant Feeding, together with clinical trial samples of "Veguva" Foods, will be sent on request.

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Veguva BRAND Baby Foods

M 294

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Prices and Packages of HEPATEX-T

Boxes of 6 x 2 cc ..	9/– per box
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Rubber capped bottles of 10 cc	6/6 each

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HEPATEX-T *is of proven value as a restorative following pneumonia and influenza. The properties of* **HEPATEX-T** *are enhanced by the vitamin B complex which is necessary in the treatment of deficiency conditions following the effects of stress under modern circumstances.*

Made in England at

The Evans Biological Institute

by

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Samples and literature will be sent on application to Home Medical Department, Hanover Street, Liverpool

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The Original Syrup Cocillana Compound

'COSYLAN' (Syrup Cocillana Compound, P., D. & Co.) has abundantly justified itself as an efficient remedy for the relief of an irritating cough and, in fact, in any condition caused by bronchial irritation in which the cough is excessive and the secretion and expectoration scanty.

Cocillana is an expectorant of the ipecacuanha type, but it is superior to ipecacuanha because it relaxes the dry congested bronchial mucosa into a freely secreting membrane without even a suggestion of nausea or vomiting.

The other ingredients are so blended with cocillana as to enhance its sedative expectorant action, to allay irritation, to quieten excessive cough and to alleviate pain and the "raw" sensation incident to the stage of congestion in bronchial and laryngeal inflammations.

FORMULA

Each fluid drachm of 'Cosylan' contains:

Tinct. Cocillana...	5 mins.
Tinct. Euphorb. Pilulif.	15 mins.
Syrup Wild Lettuce	15 mins.
Fluid Extract of Squill	$\frac{1}{4}$ min.
Fluid Extract of Senega	$\frac{1}{4}$ min.
Tartarated Antimony	$\frac{1}{161}$ gr.
Cascarin (P., D. & Co.)	$\frac{1}{100}$ gr.
Menthol	$\frac{5}{32}$ gr.
Ethylmorph. Hydrochlor.	$\frac{1}{32}$ gr.

The adult dose is half to one teaspoonful, preferably undiluted, to be swallowed slowly three or four times daily.

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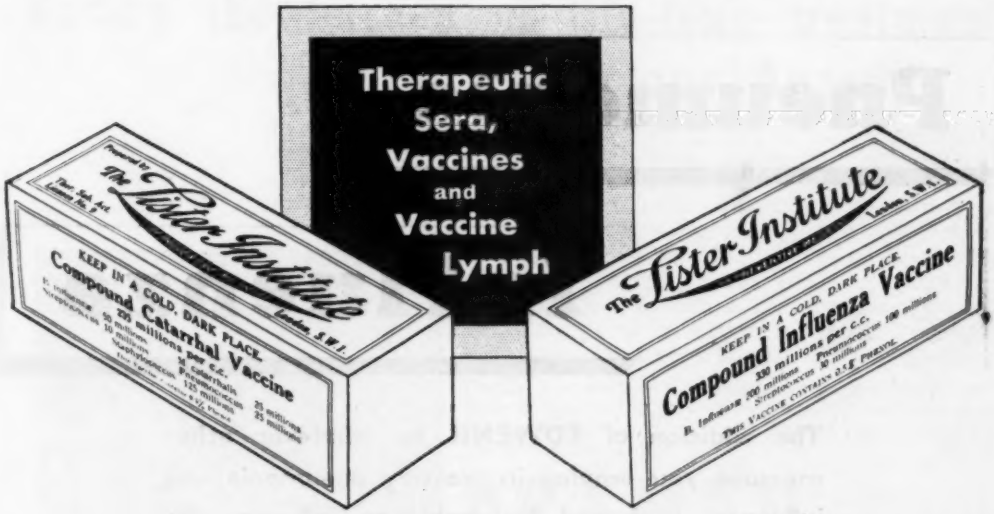

The Lister Institute
OF PREVENTIVE MEDICINE

Compound Catarrhal Vaccine

In catarrhal conditions of the respiratory passages mixed infections are found more often than pure infections with one type of organism. *Bacillus influenzæ*, *Pneumococcus*, and *Micrococcus catarrhalis* are believed to be the commonest primarily infecting organisms, but *Streptococcus* and *Staphylococcus* seem to be responsible for many of the secondary infections. A mixed vaccine has been prepared from these five kinds of bacteria. It is generally given as a prophylactic, but may also be used in acute respiratory infections.

DOSAGE.—Prophylaxis: 1st dose, 50 million *B. influenzæ*, 10 million *Streptococcus*, 25 million *M. catarrhalis*, 25 million *Pneumococcus*, 125 million *Staphylococcus*. Subsequent doses at intervals of 7 to 10 days, gradually rising to 8 times the original dose. Then 4 to 8 times the initial dose every 4 to 8 weeks.

Treatment—$\frac{1}{20}$ to $\frac{1}{5}$ of the prophylactic doses.

PRICES—Ampoules containing

235	million	organisms	per c.c.,	each	**2/6**
470	"	"	"	"	**2/6**
940	"	"	"	"	**2/6**
1,880	"	"	"	"	**2/6**

10 c.c. rubber-capped vials containing 470, 940 or 1880 million organisms per c.c., each **15/-**
25 c.c. ditto ditto, each **25/-**

Compound Influenza Vaccine

The Compound Influenza Vaccine prepared by the Lister Institute contains the chief types of bacteria found in the catarrhal secretions of the respiratory passages in epidemic influenza, viz.: *B. influenzæ*, *Pneumococcus*, and *Streptococcus*. It is primarily intended as a prophylactic, but may also be used for treatment.

DOSAGE.—Prophylaxis: 1st dose, *B. influenzæ* 200 million, *Pneumococcus* 100 million, *Streptococcus* 30 million=330 million organisms; 2nd dose, 660 million organisms, 7 to 10 days later. In treatment 1/20th to 1/5th of the prophylactic doses may be given, commencing with the lower dose in severe cases.

Compound Influenza Vaccine

PRICES—
In ampoules of 1 c.c. containing 330 or 660 million organisms per c.c., each **2/6**
In 10 c.c. rubber-capped vials containing 660 million organisms per c.c., **15/-**
25 c.c. ditto ditto **25/-**

Sole Distributors for the Lister Institute:

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Influenza

The addition of EDWENIL to whatever other measure you employ in treating pneumonia and influenza, is bound favourably to influence the course of the illness. There will be a prompt reduction in temperature, indicative of the rapid mobilisation of the natural antibacterial defences, and a material shortening of the illness and subsequent convalescence.

EDWENIL is immediately available and, being completely free from toxic or allergic elements, permits of early and aggressive treatment.

Use EDWENIL concurrently with chemotherapy.

Boxes of 3 and 12 x 2 cc. ampoules.
Rubber-capped phials of 12½ cc., 25 cc. and 50 cc.

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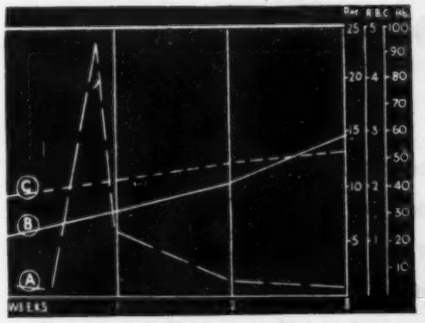
Easing the burden of life-long treatment for Pernicious Anaemia

Examen Liver Extract *Glaxo* provides the physician with the means not only of quickly restoring the patient's normal blood picture, but of securing the *most effective maintenance treatment with the minimum of discomfort and expense to the patient.* Each 2 cc. of Examen is derived from 100 gm. of fresh liver. Such concentration of the erythrocyte maturing factor secures normal hæmopoiesis with small, widely spaced doses, e.g. 2 cc. every 3 to 5 weeks. The exceptional purity of Examen and its freedom from protein render injection painless and ensure absence of undesirable reactions.



A—Ret.—Reticulocytes (per cent. R.B.C.)
B—R.B.C.—Red blood corpuscles (millions per cmm.)
C—Hb.—Haemoglobin (per cent)

The graph (an example of an actual case) indicates how Examen gives the required reticulocyte response, followed by a rapid regeneration of red blood corpuscles and the restoration of the hæmoglobin level.

EXAMEN

PRODUCT OF THE GLAXO LABORATORIES

LIVER EXTRACT *Glaxo*

Ampoules in boxes of 3 x 2 cc., 6 x 2 cc. Phials 12 cc.

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sought to transmute base metals into gold.

THE CHEMIST OF TODAY
seeks to unravel the mysteries of the complex steroid derivatives, the latest of which is

DESOXYCORTICOSTERONE ACETATE, THE ADRENAL CORTICAL HORMONE PREPARATION *now available as*

PERCORTEN

an oily solution containing 5 and 10 mg./c.cm.

Abolishes clinical manifestations and reverses Biochemical changes, not only in Addison's Disease, but in other conditions in which an Acute (e.g., toxaemia and secondary shock due to burns, injury or operation), or chronic (e.g., many cases of asthenia, convalescence) Adrenal Cortical Insufficiency may be present.

LITERATURE SENT ON REQUEST

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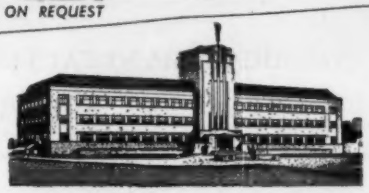

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In RHEUMATIC and allied conditions

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Supplementing its heat therapy is the medication of its ingredients, which is an additional aid in encouraging relief of the pain, in stimulating the local circulation and in promoting absorption of the inflammatory deposits.

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Dependable Sulphanilamide

TRADE MARK **'TABLOID'** BRAND
SULPHONAMIDE-P

(Sulphanilamide) *For Oral Administration*

Combines therapeutic efficiency with comparatively low toxicity.

The most convenient and economic presentation of sulphanilamide. British and of supreme quality.

Effective over a wide range of infections, especially those of streptococcal, meningococcal and gonococcal origin.

Bact. coli, Proteus ammoniæ and other infections of the genito-urinary tract also respond satisfactorily.

Bottles of 25 and 100 products

Also

TRADE MARK **'WELLCOME'** BRAND
SULPHONAMIDE-P *(Sulphanilamide)*

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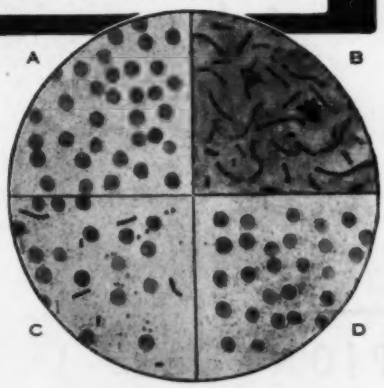

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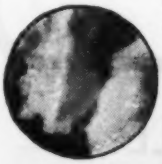

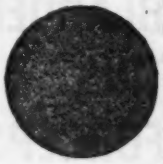

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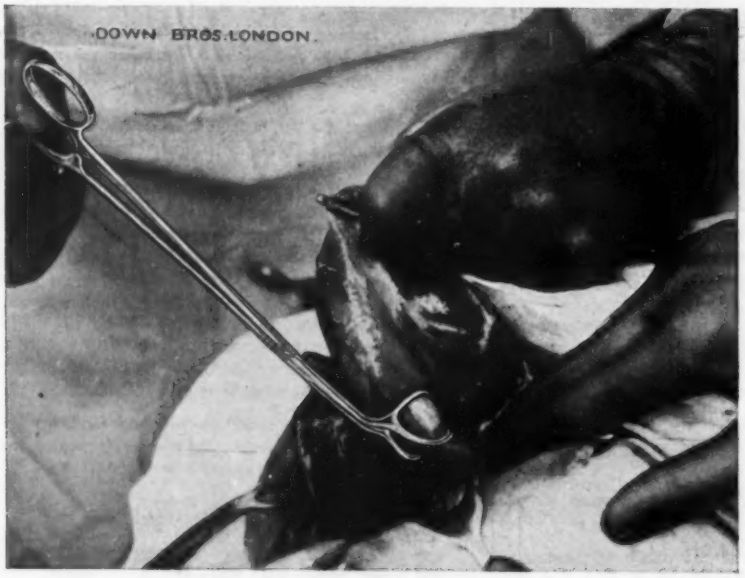

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BRITISH POSTGRADUATE MEDICAL SCHOOL

WAR SURGERY OF THE NERVOUS SYSTEM—November 18th-22nd, 1940

Monday, 18th Nov.	10 A.M.	The Surgical Anatomy of the Skull and Brain.	Mr. G. C. Knight, M.B., B.S., F.R.C.S.
	10.30 A.M.	(a) The Mechanism and Nature of Injuries of the Skull. (b) The Mechanism and Nature of Concomitant Damage to the Brain.	
	1.30 P.M.	Bus to Royal College of Surgeons.	
	2 P.M.	Demonstration of Specimens illustrating War Surgery of the Nervous System.	Mr. G. C. Knight, M.B., B.S., F.R.C.S.
Tuesday, 19th Nov.	10 A.M.	(a) Immediate Treatment and Management of Gunshot Wounds of Skull and Brain. (b) Closed Injuries of Skull and Brain, their Complications and Management.	
	2 P.M.	Demonstrations on the Cadaver of Operations on the Skull and Brain.	Mr. A. K. Henry, M.Ch., F.R.C.S.
Wednesday, 20th Nov.	10 A.M.	Surgical Sequelæ of Wounds of the Skull and Brain.	Mr. G. C. Knight, M.B., B.S., F.R.C.S.
	12.15 P.M.	The Use of X-rays in the Diagnosis of Head Injuries.	Dr. J. Duncan White, M.B.,Ch.B., D.M.R.E.
Wednesday,	2 P.M.	Care of the Bladder in Injuries of the Nervous System.	Sir Alfred Webb-Johnson, C.B.E., D.S.O., F.R.C.S., F.A.C.S., F.R.A.C.S.
	3.15 P.M.	Disorders following Head Injuries.	Dr. Aubrey Lewis, M.D., F.R.C.P.
Thursday, 21st Nov.	10 A.M.	War Injuries of the Spinal Column.	Prof. Lambert Rogers, F.R.C.S., F.A.C.S., F.R.A.C.S.
	11.15 A.M.	War Wounds of the Peripheral Nerves and Their Treatment.	
	1.30 P.M.	X-rays in War Injuries of the Spine.	Dr. J. Duncan White, M.B.,Ch.B.,D.M.R.E.
	2 P.M.	Surgery of War Injuries of the Spine (cont.).	Prof. Lambert Rogers, F.R.C.S., F.A.C.S., F.R.A.C.S.
	3 P.M.	Late Results of Peripheral Nerve Injuries, with their Treatment.	
Friday, 22nd Nov.	10 A.M.	Investigation of Peripheral Nerve Lesions.	Dr. N. S. Alcock, M.B., Ch.B., M.R.C.P.
	11.15 A.M.	Some Sequelæ of War Wounds of the Skull and Spine.	
	1.30 P.M.	Demonstration on the Cadaver of Operations on the Spine.	Mr. A. K. Henry, M.Ch., F.R.C.S.
	2.15 P.M.	Possibilities of Nerve Grafting.	Mr. F. H. Bentley, F.R.C.S.
	3.15 P.M.	Hysterical Disorders Associated with Wounds.	Dr. J. Purdon Martin, M.D., F.R.C.P.

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CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119

HOLLOWAY SANATORIUM

VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—

The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS,

NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods: insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

Med. Supt.: GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to:—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone: York 3612)
who is available for consultation

PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams: "Alleviated, London" **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

CHISWICK HOUSE,
PINNER, MIDDLESEX.
Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—
Dr. ERNEST ROLLINS, Resident Physician.
Tel.: Amherst 1642.

THE GROVE HOUSE,
CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. McCLINTOCK.

CITY OF LONDON MENTAL HOSPITAL
Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

PRIOR PLACE SANATORIUM
HEATHERSIDE, CAMBERLEY, SURREY
FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.

RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

ALCOHOLISM
Drug Habits, and Nervous Disorders

25 minutes from London, situated in charming grounds and country, is a "home from home" for those seeking rest and treatment under medical supervision. Fees from 6 guineas. Illustrated brochure on application to the matron.

CHISLEHURST 451

OLD HILL HOUSE
CHISLEHURST, KENT.

THE MAGHULL HOMES FOR EPILEPTICS (Inc.)
MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT
A few vacancies in 1st and 2nd Class Houses.
FEES: 1st Class (men only) from £3 3s. per week upwards.
2nd Class (men and women) 32/- per week.

For further particulars apply: C. EDGAR GRISEWOOD, A.C.A.
Secretary, 20, Exchange Street East, Liverpool, 2

HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All forms of treatment available. Fees from 4 gns. per week upwards, according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory,* p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

Queen Mary's Hospital for the East
END, Stratford, E.15.

Applications are invited from fully qualified and registered Medical Men including R Practitioners within three months of qualification, for the following post:—

HOUSE SURGEON (A). £150 per annum.

The appointment will be for six months, commencing immediately.

Candidates, who must be single, should send applications, together with copies of testimonials, to the undersigned forthwith.

BERNARD T. HEMPEL, Captain, Chairman.

The Royal Cancer Hospital (Free)

(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON to commence duty on the 1st January, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Tuesday, 12th November, 1940.

CLEMENT COBBOLD, Secretary.

British Postgraduate Medical School

(UNIVERSITY OF LONDON).

GYNÆCOLOGICAL HOUSE SURGEON.

There is a vacancy for a Gynæcological House Surgeon (A) from November 30th, 1940, and applications are invited from registered Practitioners, Male and Female, including R Practitioners within three months of qualification. The appointment is for six months. Salary is at the rate of £105 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates and nationality, accompanied by copies of three recent testimonials, should be sent to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12, not later than November 5th, 1940.

HOUSE PHYSICIANS.

There are vacancies for three House Physicians (A) from November 30th, 1940, and applications are invited from registered Practitioners, Male and Female, including R Practitioners within three months of qualification. The appointment is for six months. Salary is at the rate of £105 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent not later than November 5th, 1940, to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12.

British Postgraduate Medical School.

(UNIVERSITY OF LONDON.)

HOUSE SURGEON.

There is a vacancy for a House Surgeon (A) from November 30th, 1940.

Applications are invited from registered Practitioners, Male and Female, including R Practitioners within three months of qualification. The appointment is for six months. Salary is at the rate of £105 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Dean, British Postgraduate Medical School, Ducane-road, W.12, not later than November 12th, 1940.

Royal Northern Hospital, Holloway,

N.7.

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE PHYSICIAN (B2) to become vacant on 1st December, for a period of six months, including R Practitioners who now hold A posts. Salary is at the rate of £70 per annum, plus extra emoluments and board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 8th November.

GILBERT G. PANTER, Secretary.

The Woolwich and District Hospital

ASSOCIATION (INCORPORATED)
MEMORIAL HOSPITAL, Shooters Hill, London, S.E.18.
(General Hospital—112 Beds.)

The Board of Management invites applications from suitably qualified Male candidates, including R Practitioners within three months of qualification, for the post of JUNIOR RESIDENT MEDICAL OFFICER ("A" appointment) for six months. Remuneration will be at the rate of £133 6s. 8d. per annum, plus board, residence, and laundry.

Application should be made immediately.

R. S. G. HUTCHINGS, Secretary.

South London Hospital for Women,

Clapham Common, London, S.W.4.

Applications are invited from Medical Women for the undermentioned appointments:—

RESIDENT MEDICAL OFFICER (B1) for a period of twelve months from 1st December. Applicants should have held house appointments. Salary £200 per annum, with full residential emoluments.

HOUSE SURGEONS (Two) for a period of six months from 1st December. Salary at the rate of £100 per annum, with full residential emoluments.

Candidates are requested to call on members of the Honorary Medical Staff before Wednesday, the 13th November, by which date applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, must reach the Secretary at the Hospital.

Resident Assistant Medical Officer

(Woman) (B1) required by MIDDLESEX COUNTY COUNCIL for MIDDLESEX COUNTY MATERNITY HOSPITAL, BUSHEY HEATH, HERTS. Must be registered Medical Practitioners, preferably with M.C.O.G. or D.C.O.G., who have held resident appointments in general hospitals and have special experience and knowledge of obstetrics. Salary £400 × £25–£475 per annum; board, lodging and laundry. Whole-time duties under supervision of Medical Superintendent and Obstetric Surgeon of Redhill County Hospital (under which the Maternity Hospital is administered as an annexe). Duties such as County Council may direct, include medical charge of 50 Beds and attendance at ante-natal clinics at Redhill. Appointment is for four years only, subject to medical examination and one month's notice.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments to the undersigned.

No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 9th November, 1940.

C. W. RADCLIFFE "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

Resident Casualty Officer (B1)

required by MIDDLESEX COUNTY COUNCIL for REDHILL COUNTY HOSPITAL, EDGWARE, MIDDLESEX. Applications from registered Medical Practitioners, including suitably qualified R Practitioners in B2 or B1 posts, who have held house appointments in general hospitals and have good all round experience. Salary £350 per annum; board, lodging and laundry. Whole-time duties under Medical Superintendent includes dealing with casualties and admissions to hospital and such other duties as may be required. Appointment, subject to medical examination and one month's notice, is for six months in the first instance, may be extended for a further six months. Post vacant early in December.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of the Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 9th November, 1940.

C. W. RADCLIFFE "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1) now vacant. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. (Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.) Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

28th October, 1940.

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of CASUALTY OFFICER and HOUSE SURGEON (A) (two vacancies, one of which includes duties in the EAR, NOSE, AND THROAT, DENTAL AND GYNÆCOLOGICAL DEPARTMENTS and the other in the ORTHOPÆDIC CHILDREN AND EYE DEPARTMENTS) now vacant, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

28th October, 1940.

The Royal Masonic Hospital,

Ravenscourt Park, W.6.

A post of RESIDENT SURGICAL OFFICER (B1) (Male), one of four Residents (two Medical and two Surgical Officers), will be vacant immediately. Another post, also B1, will be vacant on the 1st December, 1940. Salary at the rate of £250 per annum for each post, with board, residence, and laundry. The appointment in each case is for six months. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered, and must have held resident appointments at a General Hospital. The Institution is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary nursing home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the Honorary Secretaries, from whom further information may be obtained.

Assistant Medical Officer required.

Medical Woman with Mental Hospital experience preferred. Salary £300 per annum, with emoluments.

Apply MEDICAL SUPERINTENDENT, The Lawn, Lincoln.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Swansea General and Eye Hospital.

Applications are invited from registered Medical Practitioners (Male) for the appointment of CASUALTY OFFICER (B2) to become vacant on the 18th November, including R Practitioners who now hold A posts.

Appointment for six months. Salary at the rate of £150–£175 per annum according to experience, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be forwarded to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

Royal West Sussex Hospital,

CHICHESTER, SUSSEX.

APPOINTMENT OF TWO JUNIOR HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of Two Junior House Surgeons, vacant on December 1st, 1940. The appointments will be for a period of six months.

Salary £145 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than November 8th, 1940.

K. H. WILLIAMS, House Governor and Secretary.

October 17th, 1940.

Royal West Sussex Hospital,

CHICHESTER, SUSSEX.

(344 Beds.)

APPOINTMENT OF SENIOR HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners, including R Practitioners now holding A posts, for the appointment of Senior House Surgeon, vacant on December 1st, 1940. The appointment will be for a period of six months if held by an R Practitioner, but is otherwise renewable for a further six months.

Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, whether R Practitioner, post now held and experience, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than November 8th, 1940.

K. H. WILLIAMS, House Governor and Secretary.

October 17th, 1940.

Chesterfield and North Derbyshire

ROYAL HOSPITAL.

(220 Surgical and Medical Beds.)

HOUSE SURGEON to OPHTHALMIC and EAR, NOSE, AND THROAT DEPARTMENTS.

(A Appointment.)

Applications are invited from fully qualified Men for the above post.

The appointment is for six months, to commence as soon as possible.

Salary at the rate of £150 per annum, with board, apartments, and laundry.

Applications, stating age and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, Superintendent and Secretary.

9th October, 1940.

The Liverpool Sanatorium, Frodsham,

CHESHIRE.

(175 Beds for the Treatment of Pulmonary Tuberculosis.)

DEPUTY MEDICAL SUPERINTENDENT (B1) required. Salary £400–£15–£500. Experience in the treatment of pulmonary tuberculosis essential. Suitably qualified R Practitioners holding B1 or B2 appointments may apply.

Application on form obtainable from the Medical Superintendent.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a CASUALTY HOUSE SURGEON (Male) (A), required immediately.

The appointment is for six months. Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a HOUSE SURGEON (Male) (A) appointment required immediately. The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

County Borough of Oldham.

THE MUNICIPAL HOSPITAL.

RESIDENT ASSISTANT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners for the post of Resident Assistant Medical Officer. The age-limit for new entrants to the Corporation service is forty-five. R Practitioners within three months of qualification invited to apply, when appointment will be for six months.

Salary £200 per annum (plus cost-of-living bonus), with board, residence, and laundry. Candidates should be unmarried.

The appointment will, in the first instance, be for a period of six months. The successful applicant, however, will be eligible for reappointment for a further period of six months.

The person appointed will be required to pass a medical examination and may be required to contribute to the Superannuation Fund of the Corporation.

The Hospital comprises 430 Beds, with facilities for gaining experience in Medicine, Surgery, Midwifery, and the Diseases of Children.

The appointment is to fill an A post under the Form C.18 (M) of the Central Medical War Committee.

Canvassing or submitting testimonials from members of the Council or of any Committee appointed by the Council will be a disqualification.

Application forms and conditions of appointment should be obtained from the Medical Officer of Health, Town Hall, Oldham, and be returned, endorsed "Resident Assistant Medical Officer," not later than November 16th, 1940.

T. ALKER, Town Clerk.

Town Hall, Oldham, 28th October, 1940.

Wolverhampton and Midland Counties

EYE INFIRMARY.

HOUSE SURGEON (B2) wanted. Ophthalmic experience preferred. Duties to commence at the beginning of January, 1941. There are 70 Beds for In-patients and large Out-patient Department. Salary £150 a year, with furnished apartments, board, and laundry.

Ladies and gentlemen, who must be registered Medical Practitioners, applying should state age and experience, and send copies of three recent testimonials to reach the Secretary not later than first post on 18th November. R Practitioners are invited to apply when appointment will be limited to six months. The Eye Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

23rd October, 1940.

The Royal Sussex County Hospital,
BRIGHTON. (380 Beds.)

APPOINTMENT OF MAYO FELLOW IN ANÆSTHETICS (B1).

Applications are invited from registered Medical Practitioners (Male) for the Mayo Fellowship in Anæsthetics (B1) (established March, 1939) tenable at the above Hospital and associated with the Nuffield Professor of Anæsthetics in the University of Oxford.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The Fellowship is of the value of £300 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible, from whom further particulars can be obtained if required.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

City of Birmingham.
SELLY OAK HOSPITAL.

TEMPORARY RESIDENT SURGEON (B1).

Applications are invited from registered Male Medical Practitioners for a temporary post as General Surgeon. Applicants should have held house appointments, had surgical experience, and hold the Diploma of F.R.C.S. Suitably qualified R Practitioners holding B1 appointments are invited to apply.

Salary at the rate of £700 per annum, rising by annual increments of £50 to £1000, plus full residential emoluments valued at £250 per annum.

Applications, stating age, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, to be sent to the Medical Officer of Health, The Public Health Department, Council House, Congreve-street, Birmingham, 3, not later than the 8th November, 1940.

F. H. C. WILTSHIRE, Town Clerk.

General Hospital, Nottingham.
(501 Beds.)

Applications are invited from registered Medical Practitioners (Male and Female), including R Practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A) for the above Hospital. Duties to commence as soon as possible. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

County Council of the West Riding
OF YORKSHIRE.

APPOINTMENT OF SCHOOL OCULIST (MALE).

The County Council of the West Riding of Yorkshire invite applications from registered Medical Practitioners under 45 years of age for appointment as School Oculist. Candidates should have at least three years' experience since qualification. Preference will be given to those having special experience in refraction and the prescription of glasses, or who are in possession of a Diploma in Ophthalmology.

Salary £600 per annum, rising by increments of £25 to £700 per annum.

Further particulars and forms of application may be had from the undersigned, by whom all applications, together with copies of not more than three recent testimonials, must be received not later than the 9th November, 1940.

J. CHARLES MCGRATH, Clerk of the County Council.

County Hall, Wakefield, October, 1940.

The Royal Eastern Counties'
INSTITUTION FOR THE MENTALLY DEFECTIVE, COLCHESTER.

ASSISTANT MEDICAL OFFICER (Male) (B2).

Applications are invited for the above post from duly qualified Medical Practitioners, including R Practitioners who now hold A posts, when the appointment will be limited to six months. Total Beds, over 1700.

The medical man appointed will be stationed at the new Extension, Turner Village, which has at present 500 Beds.

The salary will be at the rate of £400 per annum, rising, subject to the Directors' approval, by £25 annually to £450 per annum, together with furnished apartments, board, laundry, and attendance. No deductions. No facilities for a married man. Previous specialisation in Mental Deficiency not necessary.

There is a new and fully equipped Laboratory.

Apply before 5th November, giving age, nationality, full details of qualifications, and copies of testimonials, to the MEDICAL SUPERINTENDENT, Royal Institution, Colchester.

Children's Hospital, Sunderland.
(70 Beds.)

HOUSE SURGEON (Female) required for six months, to commence as soon as possible. Salary £120 per annum, with board, residence, laundry, &c.

Applications, stating age and qualifications, and accompanied by testimonials, to be sent to the undersigned.

M. J. HUNTLEY, House Governor and Secretary.

City of Liverpool.
OLIVE MOUNT CHILDREN'S HOSPITAL (400 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (FEMALE) (B2).

Applications are invited from registered Medical Practitioners (Female) for the appointment of Resident Assistant Medical Officer (B2) at the Olive Mount Children's Hospital. The appointment will be for a period of six months and experience in infectious diseases and diseases of infants is desirable. The salary is at the rate of £200 per annum, with full residential allowances. All fees in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one calendar month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Dept., Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer," and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 11th November, 1940.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
26th October, 1940.

City of Liverpool.
MILL-ROAD INFIRMARY. (762 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male or Female), including R Practitioners who now hold A posts, for the appointment of Resident Assistant Medical Officer (B2) at Mill-road Infirmary.

If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £200 per annum, with full residential allowances. All fees received in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Dept., Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer," and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 11th November, 1940.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
26th October, 1940.

City of Portsmouth.
SAINT MARY'S HOSPITAL (1275 Beds.)

Applications are invited for the immediate appointment of:—

1. One SENIOR ASSISTANT RESIDENT MEDICAL OFFICER (B1 Post).

Applicants should have had at least two years' hospital experience, and preference will be given to those having a knowledge of, and experience in, general medical work. Suitably qualified R Practitioners holding B1 or B2 appointments may apply. Salary at the rate of £350 per annum for the first year and £375 per annum for the second year, with residential emoluments valued at £125 per annum.

2. One JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (A Post).

Applicants may include R Practitioners within six months of qualification. If held by an R Practitioner appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with residential emoluments valued at £125 per annum.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937.

Application forms may be obtained from, and must be returned to, the Acting Medical Officer of Health, Northern Secondary School, Portsmouth, forthwith.

Canvassing will be a disqualification.

F. J. SPARKS, Town Clerk.

The Guildhall, Portsmouth, 24th October, 1940.

County Borough of Huddersfield.
APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from registered Medical Practitioners (Ladies) who have had special experience in antenatal work, and in the care of infants. Salary £500–£25–£700, initial salary according to experience. The doctor appointed will be required to reside in the Princess Royal Maternity Home, and a deduction will be made from the salary for board, &c.

The post will be designated under the Local Government Superannuation Acts, 1937, and the successful candidate will be required to pass a medical examination before being appointed to the position.

Applications, stating age, full particulars regarding training, qualifications, and appointments held since qualifications, should be forwarded to the Medical Officer of Health, Public Health Department, Huddersfield, along with copies of two recent testimonials, so as to reach him not later than Thursday, November 14th, 1940.

Application forms are not provided.

SAMUEL PROCTER, Town Clerk.

Town Hall, Huddersfield, October, 1940.

Urban Districts of Atherton and WESTHOUGHTON.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

Applications are invited from duly qualified persons for the appointment of Medical Officer of Health for the Urban Districts of Atherton and Westhoughton.

The appointment, which is a designated one under the Local Government Superannuation Act, 1937, is temporary for the duration of the present War Emergency, may be determined at any time without notice, with the consent of the Minister of Health, otherwise terminable on three months' notice.

Candidates should possess the Diploma in Public Health.

The person appointed will also be temporarily appointed by the Lancashire County Council as Medical Officer of their Child Welfare and Artificial Light Clinics held at Atherton and Westhoughton. He must devote full time to the duties of the combined appointments and will be restricted from engaging in private practice.

Combined salary £800 per annum, apportioned as follows: Atherton Urban District Council £250; Westhoughton Urban District Council £250; Lancashire County Council £300.

Applications, on forms to be had from the Clerk of the Council, Town Hall, Westhoughton, to be addressed to the Chairman, Joint Committee, Town Hall, Westhoughton, endorsed "Medical Officer" and received not later than 13th November, 1940.

Dated this 21st day of October, 1940.

A. J. KEDWARD,
Clerk of the Atherton Urban District Council.
JOSEPH DICKINSON,
Clerk of the Westhoughton Urban District Council.

Town Hall, Westhoughton.

Royal Buckinghamshire Hospital, AYLESBURY.

Applications are invited from Male and Female registered Medical Practitioners for the following posts, to commence 1st January, 1941.

1. SENIOR RESIDENT MEDICAL OFFICER. Salary £180 per annum. (Previous experience, including anæsthesia, essential.) This is a B2 post, and applicants, including Practitioners who now hold A posts, are eligible to apply. If held by an R Practitioner the appointment will be limited to six months.
2. HOUSE SURGEON. Salary £120 per annum.
3. HOUSE PHYSICIAN. Salary £120 per annum.

These are both A posts, and applicants, including R Practitioners who are within three months of qualification, are eligible to apply. If held by an R Practitioner the appointment will be for a period of six months.

Full board, residence, and laundry are provided in each case. Opportunity is afforded to deal with London Consultants and to undertake duties, according to the post held, in all branches of medical and surgical practice, including anæsthesia.

Applications, stating age, qualifications with dates, nationality, and present post, together with copies of two recent testimonials, should be sent to the undersigned not later than 6th November, 1940. Selected candidates will require to attend for interview by the Medical Committee on Friday, 15th November, 1940.

F. G. DAWES, Secretary.

Derbyshire Royal Infirmary, Derby.

(General Hospital. 416 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of an EAR, NOSE AND THROAT HOUSE SURGEON (A) to become vacant on 15th November, including R Practitioners within six months of qualification. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 4th November.

ARTHUR TAYLOR, Superintendent and Secretary.

University of Bristol.

DEPARTMENT OF PREVENTIVE MEDICINE.

Applications are invited for the post of TEMPORARY ASSISTANT BACTERIOLOGIST. Salary £400 per annum. Applicants must have a medical qualification and some experience of bacteriological work.

Applications should be made, not later than November 11th, to the Registrar, the University, Bristol, 8.

County Borough of Middlesbrough.

ST. LUKE'S HOSPITAL.

A LOCUM TENENS MEDICAL OFFICER (B1) is required for the above Mental Hospital. Candidates must not be eligible for service with H.M. Forces. The salary offered is £8 8s. per week, with board and lodging and washing.

Preference will be given to those with Mental Hospital experience.

Applications should be submitted at once, accompanied by three references, to the Medical Superintendent at the above Hospital.

PRESTON KITCHEN, Clerk to the Visiting Committee.
Municipal Buildings, Middlesbrough, 15th October, 1940.

Hospital Convalescent Home, Park-WOOD, SWANLEY, KENT.

(For the reception of patients—women and children—in an early stage of convalescence from the London Hospitals. 120 Beds.)

The Trustees of the Home invite applications for the post of Lady RESIDENT MEDICAL OFFICER, which will be vacant in November.

The appointment is for a period of six months. Salary £200 per annum, with quarters and full board. Candidates should have had recent hospital experience and preferably experience as House Physician to a Children's Department.

Applications, stating age, qualifications, and full details of experience, should be accompanied by copies of three recent testimonials, and addressed to C. M. POWER, Esq., Secretary, Hospital Convalescent Home, c/o Westminster Hospital, London, S.W.1, as soon as possible.

Hull Royal Infirmary.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant now. If held by an R Practitioner the appointment will be for a period of six months.

Applications are also invited, including R holders of A appointments when tenure will be limited to six months, for the post of HOUSE SURGEON (B2) to the OPHTHALMIC and EAR, NOSE, AND THROAT DEPARTMENTS vacant now. The post is recognised for the D.O.M.S. and D.L.O. examinations.

The salary for each post is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

County Infirmary, Cambridge.

MEDICAL SUPERINTENDENT.

The Cambridgeshire County Council invite applications for the position of Medical Superintendent of the County Infirmary, Cambridge. This is a Public Assistance Institution used partly for that purpose and partly as an Emergency Hospital under the direction of the Ministry of Health. Particulars of the position can be supplied to intending applicants.

The salary offered is £800 a year, together with £100 a year in lieu of residential emoluments, which cannot be provided.

The appointment is temporary and can be terminated by either party on three months' notice.

Applications, stating administrative and clinical experience and giving names of persons to whom reference may be made, should be addressed to the Clerk of the Cambridgeshire County Council, Shire Hall, Cambridge, and must be received before the 10th November, 1940.

22nd October, 1940.

City and County of Newcastle upon TYNE.

SHOTLEY BRIDGE EMERGENCY HOSPITAL.

RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who hold A posts, for the position of Resident Medical Officer (B2). If held by an R practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months.

The salary is at the rate of £350 per annum, together with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, together with copies of not more than three recent testimonials, must be submitted to the Medical Officer of Health, Town Hall, Newcastle upon Tyne, 1, immediately.

16th October, 1940.

Stockport Infirmary.

(159 Beds. 5 Residents.)

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of a HOUSE SURGEON (A) (GENERAL SURGICAL AND GYNÆCOLOGICAL) to become vacant on 27th November, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months. Post approved under the F.R.C.S. regulations. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than first post November 6th.

H. G. PRICE, Secretary-Superintendent.

National Sanatorium, Benenden, Kent.

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the appointment of HOUSE PHYSICIAN (A) which is at present vacant. The appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 12th November.

C. C. LAWRENCE, Hon. Secretary.

Envelopes should be marked "Personal."

Royal Sheffield Infirmary and Hospital.

THE ROYAL INFIRMARY, SHEFFIELD, 6.
(476 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the following appointments:—
HOUSE SURGEON (A),
ORTHOPÆDIC HOUSE SURGEON (A),
AURAL HOUSE SURGEON (A),
ASSISTANT CASUALTY OFFICER (A),
now vacant, including R Practitioners within three months of qualification. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

23rd October, 1940.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the post of ORTHOPÆDIC HOUSE SURGEON (B2) vacant 15th November, 1940. Previous orthopædic experience is desirable for this post, which is tenable for six months. The Orthopædic Department serves one of the largest fracture clinics in the country and offers exceptional experience.

Salary is at the rate of £150–£200 per annum, according to experience, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

25th October, 1940.

Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited for the above post from registered Medical Practitioners (Male), including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R Practitioners. The duties include the charge of a number of beds, medical and surgical, in addition to extensive out-patient and casualty work. Salary is at the rate of £120 per annum with full residential emoluments and some fees in respect of private patients.

Applications, stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible. R. A. KINGSNORTH, Acting Secretary.

Royal Berkshire Hospital, Reading.

CASUALTY OFFICER (A) (MALE).

Applications are invited from registered Medical Practitioners (Male) for the appointment of Casualty Officer (A) (Male), including R Practitioners within three months of qualification.

If held by an R Practitioner the appointment will be for a period of six months.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

Thurrock Urban District Council.

EMERGENCY HOSPITAL SERVICE.

JUNIOR HOUSE OFFICER (A).

Applications are invited from registered Medical Practitioners for the post of Junior House Officer (A) at THURROCK INFECTIOUS DISEASES HOSPITAL. The duties will be concerned mainly with casualty service work. R Practitioners are invited to apply, when appointment is limited to six months.

The salary will be at the rate of £200 per annum, plus board, residence, and attendance. The officer appointed will be required to live within a convenient distance from the Hospital, and to devote the whole of his time to the duties of the post.

Applications, accompanied by copies of not more than three recent testimonials, stating age, qualifications, and experience, should be endorsed "Junior House Officer" and addressed to the Medical Officer of Health, Public Health Department, Council Offices, Palmer's-avenue, Grays, Essex, not later than 16th November, 1940.

Cheshire County Mental Hospital,

PARKSIDE, MACCLESFIELD.

TEMPORARY MALE ASSISTANT MEDICAL OFFICER required, Single, ineligible for war service. Previous mental hospital experience not essential. Salary £7 7s. per week, with board, apartments, and laundry.

Preference will be given to candidate with laboratory experience.

Applications, stating qualifications, with copies of three recent testimonials, to be sent to the Medical Superintendent to be received as soon as possible.

Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

SURREY COUNTY SANATORIUM, MILFORD, near GODALMING. (348 Beds.)

JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (B2)
(Male or Female).

Applications are invited for the above appointment which will be available for a period of six months, renewable for a further six months. (R Practitioners who hold A appointments may apply, but if appointed the term of appointment is limited to six months.) The salary will be at the rate of £250 per annum, together with full residential emoluments valued at £100 per annum. Applicants should have held a house appointment in a general hospital.

Applications, stating nationality, age, qualifications, and experience, and enclosing copies of not more than three recent testimonials, should be sent to the Medical Superintendent, Surrey County Sanatorium, Milford, near Godalming, Surrey, so as to reach him not later than the 9th November, 1940.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 1st November, 1940.

Administrative County of Essex.

OBSTETRIC SPECIALIST.

The County Council of the Administrative County of Essex desire to engage the services of a part-time Obstetric Consultant. The remuneration offered is at the rate of £500 per annum, together with travelling expenses, and the appointment in the first instance will be made for a period of one year only.

The Consultant appointed will be required to reside in the vicinity of Chelmsford, to attend in any part of the Administrative County as required, but to associate himself particularly with St. John's Hospital, Chelmsford. A more detailed list of duties can be obtained from the undersigned upon application.

Applications, accompanied by copies of not more than three recent testimonials, which will not be returned, should be addressed to me at the County Hall, Chelmsford, not later than Friday, the 15th day of November, 1940.

E. S. HOLCROFT, Clerk of the County Council.

County Hall, Chelmsford, 28th October, 1940.

City of Birmingham.

MATERNITY AND CHILD WELFARE DEPARTMENT.

TEMPORARY MEDICAL OFFICER.

Applications are invited for a temporary Woman Medical Officer, duties to commence on 1st January, 1941.

The work includes attendance at ante-natal and children's clinics.

Applicants should have had considerable experience in work with mothers and children, including a six months' resident post in a Maternity Hospital and in a Children's Hospital. The salary offered is £10 per week.

Applications, endorsed "Temporary Medical Officer for Maternity and Child Welfare," and accompanied by copies of three recent testimonials, to be made on a form obtainable from the Medical Officer of Health, Council House, Birmingham, 3, and returned to him on or before the 15th November, 1940.

Nottinghamshire County Council.

EMERGENCY HOSPITALS.

HOUSE SURGEONS (Male or Female).

Applications are invited from registered Medical Practitioners (Male or Female), including R Practitioners within three months of qualification, for five appointments as House Surgeons (A) at the under-mentioned Hospitals:—

KILTON HILL COUNTY HOSPITAL, WORKSOP .. 3
COUNTY EMERGENCY HOSPITAL, MANSFIELD .. 2

If held by R Practitioners appointments will be for a period of six months; otherwise they will be for a period of six months in the first instance.

The salary for each appointment will be £200 per annum, with full residential emoluments or cash equivalent.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to me not later than 13th November, 1940.

K. TWEEDALE MEABY, Clerk of the County Council.

Shire Hall, Nottingham, 28th October, 1940.

Berkshire Education Committee.

SCHOOL DENTIST.

Applications are invited from qualified and registered Dental Surgeons for the temporary post of School Dentist.

The appointment is a full-time one and the person appointed will be required to act under the instructions of the School Medical Officer.

The salary is £450 to £600 per annum according to experience.

Forms of application may be obtained from the undersigned, and applications should be returned not later than November 14th, 1940.

It will be necessary for the officer appointed to have a motor-car, for which travelling expenses will be allowed on the County scale.

W. F. HERBERT, Education Secretary.

Shire Hall, Reading, October 28th, 1940.

Duchess of York Hospital for BABIES, MANCHESTER 19.
(80 Cots.)

Applications are invited for the post of JUNIOR RESIDENT MEDICAL OFFICER (Female) (an A appointment) for six months from January 1st, 1941. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, will be accepted by the undersigned up to 23rd November, 1940.

LOUISE GILLESPIE, Secretary.

The Royal Alexandra Hospital for SICK CHILDREN, BRIGHTON.
(100 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who now hold A posts, for the appointment of a HOUSE PHYSICIAN (B2) to commence duties immediately. Salary is at the rate of £150 per annum, with full residential emoluments. The Hospital is recognised for the D.C.H. Diploma and the M.D. Examination, Branch 1. Six months' appointment.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

29th October, 1940.

Royal Sussex County Hospital, Brighton
(380 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a Casualty House Surgeon (A) vacant about middle of November, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

Royal Sussex County Hospital, Brighton.
(380 Beds.)

APPOINTMENT FOR A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Surgeon (A), to become vacant about 15th November, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible.

The Royal Liverpool United Hospital,
DAVID LEWIS NORTHERN HOSPITAL.
(272 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT SURGEON (B1).

Applications are invited from registered Medical Practitioners for the above appointment to become vacant on 1st December, 1940. Applicants should have held house appointments and should possess the Fellowship of the Royal College of Surgeons. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary to be arranged (approximately £350 per annum).

Applications, enclosing copies of recent testimonials, together with full particulars as to age, qualifications, and experience, should be sent to the undersigned not later than Thursday, 14th November, 1940.

A. V. J. HINDS, Secretary.

The Royal Liverpool United Hospital, 641, India Buildings, Liverpool, 2.

Manchester Ear Hospital,
Grosvenor-square, ALL SAINTS'. (30 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the appointment of RESIDENT HOUSE SURGEON (A) at once. Salary at the rate of £120 per annum, with full residential emoluments. In the case of R Practitioners, appointment will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to Mr. REGINALD S. MILFORD, Hon. Secretary, Manchester Ear Hospital, c/o Mr. W. J. Ellam, 17, Brazennose-street, Manchester, 2.

Harley Street—Part-time Furnished
CONSULTING ROOMS in well-appointed house. From one half-day per week at £35 to four half-days at £100 per annum; also ophthalmic room.—

Address, No. 742, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

Royal South Hants and Southampton
HOSPITAL. (319 Beds.)

APPOINTMENT OF CASUALTY OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a Casualty Officer (A) now vacant, including R Practitioners within three months of qualification, for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

EDWARD L. WIRGMAN, House Governor and Secretary.

Owing to departure for quick sale,
Cheap, CONSULTING ROOM FURNITURE (White Enamelled Steel). Also ULTRA-VIOLET RAY LAMP (Original Hanau).—Address, No. 743, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

For immediate disposal.—Entire
Furniture and Equipment, including latest Operating Table and Lamp, of a Nursing Home, London, N.W., for ten patients.—Particulars, GIBBS, 2, Grove-avenue, Epsom.

Harley Street and District.—A number
of excellent CONSULTING ROOMS are available for full and part-time use at moderate rents. Particulars on application.—ELGOOD & Co., 1, Bentinck Street, Welbeck Street, W.1. Welbeck 8974.

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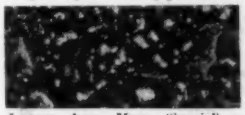

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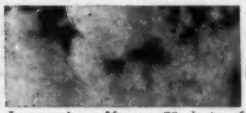

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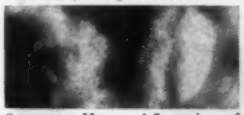

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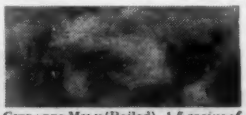

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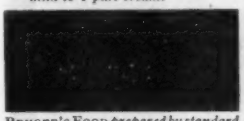

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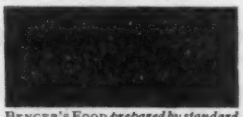

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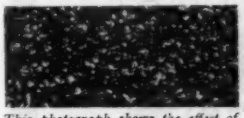

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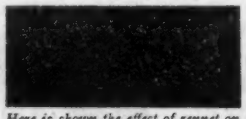

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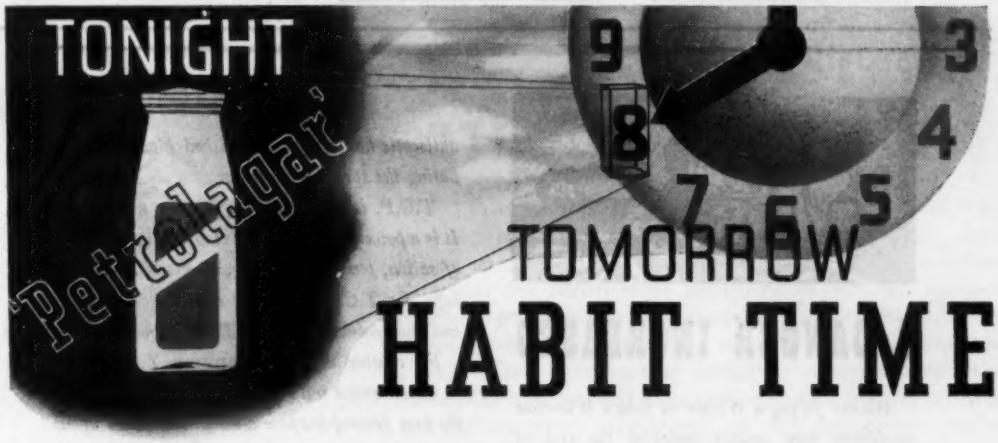

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(SOLE DISTRIBUTORS FOR PETROLAGAR LABORATORIES LIMITED)

A Mucilaginous Laxative with a natural mechanical action

I-so-gel GRANULES

Indicated in

CHRONIC CONSTIPATION, COLITIS,

and allied gastro-intestinal disorders

I-so-gel is a natural vegetable material. The granules absorb many times their volume of water and swell into a firm, gelatinous mass which both stimulates natural intestinal movements and soothes inflamed intestinal mucous membrane. Indicated in chronic constipation, hæmorrhoids, colitis, dysentery, and allied gastro-intestinal disorders, and after colostomy.

Action purely mechanical.

Sugar-free. Ideal for diabetics.

In bottles at 3/- & 5/6 each.

ALLEN and HANBURYS LTD

LONDON E 2

Telegrams: Greenburys Beth London

Telephone Bishopsgate 3201 (12 lines)

A DANGER INCREASED

We are facing a Winter in which War-time conditions have greatly increased the risk of spreading infection. Thousands sleeping nightly in crowded shelters . . . lowered resistance through nervous strain and lack of sleep . . . the further evacuation of town people to country districts . . . all these factors mean that the possibility of a major influenza epidemic is a grave one. The need is greater than ever for effective prophylactic measures. Gargling and spraying with an efficient antiseptic has a well established place in combating the spread of infection.

T.C.P. is the ideal antiseptic for such work. It is a powerful bactericide, stable in the presence of saliva, pus and other organic matter. Yet it is safe, for T.C.P. is neither caustic nor irritant, and may even be used undiluted without harm.

For routine use and in emergency, T.C.P. may be recommended with confidence. Its reputation as the best general-purpose antiseptic is based upon years of satisfactory clinical use in hospital and general practice.

For protection against infection . . .

T.C.P REGD.

A clinical sample of T.C.P. will be sent to any Physician, on request to BRITISH ALKALOIDS LTD., 69, OLD BROAD STREET, LONDON, E.C.2.

Two useful Items in the range of the

KAYLENE PRODUCTS

KAYLENE SALINE is a combination of the toxin adsorbent Kaylene and the laxative salts necessary for carrying it through the intestinal tract. It is slightly effervescent and sweeps the intestinal tract free from toxic waste. It operates in the stomach, duodenum, small intestine and colon, and is most effective when administered in the early morning, a full half-hour before breakfast. Kaylene Saline is widely prescribed in the treatment of toxaemic conditions which are associated with constipation.

CARBOKAYLENE unites the detoxicating action of Kaylene with the flatulence-reducing properties of highly activated vegetable charcoal. Carbokaylene removes the soluble precursors of intestinal gases by adsorption, and adsorbs the gases themselves whilst still in solution. Its general adsorptive action is demonstrated by the complete deodorisation of the stool. Carbokaylene is freely used in the treatment of gastric flatulence and intestinal fermentation.

Samples on request

KAYLENE, LIMITED,

Sole Distributors: **ADSORBENTS, LTD.,** WATERLOO ROAD, LONDON, N.W.2

. . . AND FIRST OF THESE IS COMFORT

Many diseases of the rectum, especially those of long standing, are amenable only to surgical measures; but, before surgery can be undertaken, symptomatic relief of pain and discomfort must be provided and the field of operation prepared. For these purposes Anusol Haemorrhoidal Suppositories are extensively used with satisfaction and safety. They have become intimately associated with the successful treatment of haemorrhoids, anal fissure, proctitis and inflammatory conditions of the ano-rectal region generally. Time after time they have demonstrated permanent results from their systematic use. Nothing is contained in the Suppositories to give a false sense of security.

ANUSOL
BRAND

Haemorrhoidal Suppositories

Anusol is also supplied in ointment form.

WILLIAM R. WARNER & CO., LTD.
POWER ROAD · CHISWICK LONDON, W. 4.

PRICE REDUCTION

MEDICAL-BIOLOGICAL LABORATORIES LTD., beg to inform their medical friends that in order to offset the full amount of the Purchase Tax, they have REDUCED the prices of certain lines.

The revised Price List below indicates, for your convenience, in addition to the actual consumer's price—which is, of course, subject to the usual professional discount—the amount of the Purchase Tax payable.

		OLD PRICE	NEW PRICE	PURCHASE TAX
ANTIPEOL				
OINTMENT	4 oz. Tube	7/–	**6/-**	8½
,,	40 gr. ,,	3/6	**3/-**	4½
,,	20 gr. ,,	2/–	**1/8**	2½
LIQUID	40 c.c. Bottle	3/6	**3/-**	4½
OPHTHALMO-ANTIPEOL				
20 gr. Nozzled Tube		3/6	**3/-**	4½
8 gr. ,, ,,		1/6	**1/5**	2
RHINO-ANTIPEOL				
20 gr. Nozzled Tube		3/–	**2/6**	3½
8 gr. ,, ,,		1/6	**1/5**	2
ENTEROFAGOS	ORAL AND INJECTABLE			
Box of 50 ampoules		22/6	**19/-**	2/2½
,, ,, 10 ,,		5/–	**4/3**	6
,, ,, 5 ,,		3/–	**2/6**	3½
DETENSYL				
Tin of 500 Tablets		40/–	**40/-**	None
Tube ,, 50 ,,		4/6	**4/6**	None

Clinical Sample on request from :

Telegrams: Biomedic-Southnor-London

MEDICO-BIOLOGICAL LABORATORIES LTD.
CARGREEN ROAD,
SOUTH NORWOOD, LONDON, S.E.25

Telephone: LIVingstone 3028

BROMETHOL B.D.H.

British Basal Anæsthetic for Rectal Administration

Bromethol B.D.H. is a solution of tribromoethyl alcohol in amylene hydrate, which solution has been extensively employed as a basic anæsthetic for many years both in this country and abroad.

Laboratory tests and extensive clinical trials of Bromethol B.D.H. have established beyond doubt that this product is equivalent in all respects, that is to say, chemically, pharmacologically and clinically, to the product which was formerly imported from Germany.

Bromethol B.D.H. may be used in all surgical operations ; it is also used in the treatment of such acute conditions as mania or eclampsia, in which it is necessary to maintain quiescence of the patient for a short time.

Descriptive literature containing full particulars of dosage and technique of administration will be sent on application.

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone : Clerkenwell 3000 Telegrams : Tetradome Telex London

Brml/E/3

Under present conditions . . .

The same qualities that have given Hall's Wine the approval of the medical profession for over half a century make it more than ever suitable to advise under present conditions of strain and anxiety. To the discouraged, depressed—and especially the elderly—patient, the psychological effect of Hall's Wine is of marked value. The heartening glow afforded by its moderately alcoholic content—its rich colour and pleasant flavour—help to give the patient the actual feeling that progress is being made. A fine natural wine, containing orthodox medicaments, Hall's Wine is the outstandingly reliable restorative of its type.

Physicians wishing to test Hall's Wine are cordially invited to write for free pint bottle to Stephen Smith & Co. Ltd., Bow, London, E.3.

HALL'S WINE

358

BROMURAL

TRADE MARK BRAND

(*a-monobromisovalerylcarbamide*)

KNOLL

Entirely harmless nerve sedative and mild soporific of over 30 years' standing.

"Bromural" combines prompt and sufficiently long-enduring action with the maximum of harmlessness. It is distinguished by

(1) Excellent toleration
(2) Absence of secondary effects
(3) No cumulation
(4) No habituation

Even years of use of therapeutic doses do not create the need to increase the dosage.

Indications: Nervous manifestations of all kinds, more especially nervous irritability, insomnia, sleep difficulties, premature waking, neuroses and nervous diarrhœa.

Supplied in tubes of 10 and 20 tablets and in bulk of 200

Samples of and literature on "Bromural" on request

KNOLL LIMITED, 61, Welbeck Street, LONDON, W.1

For Effective Control of Pain

AMONG the many and diverse analgesics which have been evolved by modern chemical research, acetyl-salicylic acid retains its reputation as one of the safest and most effective. Its tendency to liberate salicylic acid—the irritant properties of which are well known to physicians—has, however, caused many to hesitate to employ it as widely as it deserves. Exhaustive trial in hospital and private practice proves that "Alasil" definitely solves the problem of administering acetyl-salicylic acid in an effective form, being free from the risk of irritating the stomach or bowels or of causing general reactions.

A supply for clinical trial with full descriptive literature sent free on request.

In "Alasil" the desirable therapeutic effects of acetyl-salicylic acid are well exhibited by its calcium acetyl-salicylate moiety, while the presence of "Alocol" (Colloidal Hydroxide of Aluminium), a powerful gastric sedative and antacid, obviates any tendency to gastric irritation. The superior absorbability of "Alasil" over ordinary salicylate compounds and its freedom from the risk of liberating free salicylic acid in the stomach have been well proved by careful experimentation. "Alasil" can be prescribed with perfect safety to patients of all ages and in larger doses than ordinary salicylate compounds.

A. WANDER, LTD., Manufacturing Chemists,
184, Queen's Gate, London, S.W.7.
Laboratories and Works: KING'S LANGLEY, HERTS.

ALASIL

The Therapy of Choice in AGRANULOCYTOSIS

Before the advent of 'Pentnucleotide' the prognosis of agranulocytosis was most unfavourable, and a *mortality* rate of 82 per cent was reported. With its use a *recovery* rate of 60 to 75 per cent may be expected.

The Lancet (1939, 2:996) refers to a War Office Memorandum, issued to all R.A.M.C. Officers, on the use of the sulphonamides in wound infections. This mentions agranulocytosis as a possible serious reaction; the treatment officially recommended is transfusion and 'Pentnucleotide.'

'PENTNUCLEOTIDE'

A mixture of the sodium salts of pentose nucleotides for intramuscular use

Full information on request

MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

IODOLYSIN

gives really satisfactory results in a large proportion of cases of rheumatoid arthritis and allied conditions. This claim is supported by numerous reports from medical practitioners. Such success must appeal particularly to the general practitioner, who has constantly to deal with difficult and intractable cases of those diseases.

Iodolysin is a chemical compound containing 47% of iodine and 43% of thiosinamine. It has definite therapeutic advantages over uncombined thiosinamine.

Preparations:
Injection Solution; Capsules; Ointment.

ALLEN *and* HANBURYS LTD
LONDON E2

Telephone: Bishopsgate 3201 (12 lines) Telegrams: Greenburys Beth London

The Importance of Rapid Convalescence

"When can I get back to work?" is a general question from patients whose business is now, more than ever, in imperative need of their services. Rapid clinical results are obtained when 'Plastules' are prescribed during convalescence. In less than six days a decided and definite improvement in the patient's condition can be noted.

'PLASTULES'

BRAND **Hæmatinic Compound** REGD.

JOHN WYETH & BROTHER, Ltd., 25 Oldhill Place, London, N.16
(Sole Distributors for Petrolagar Laboratories Ltd.)

IN TWO VARIETIES
PLAIN
WITH LIVER EXTRACT

MIST. DAMIANÆ CO.

(HEWLETT'S)

In all the various forms of loss of nerve power Mist. Damianæ Co. (Hewlett's) is a powerful remedy, relieving the exhaustion and conferring renewed capacity for mental and physical endurance. Its invigorating properties will be found invaluable in many diseases where there is great exhaustion. **In the frequent cases of nervous depression following influenza it has been prescribed with great benefit.**

Dose: One or Two drachms in Water

Packed in 5-oz., 10-oz., 22-oz., 40-oz., and 90-oz. Bottles

Caution. This preparation was introduced by us over 40 years ago. To obtain the *original* please write :—

Mist. Damianæ Co. (Hewlett's)

one of HEWLETT'S preparations

C. J. HEWLETT & SON, LTD., MANUFACTURING CHEMISTS, LONDON, E.C.2.

Allenburys DEXTRIN-MALTOSE

THE use of Allenburys Dextrin-Maltose is indicated in digestive disorders of infants, children and adults.

This mixture of carbohydrates is easily digested, resists fermentation, and counteracts tendencies to diarrhœa. It makes milk more digestible.

In six forms:

No. 1 contains 2% of sodium chloride.
No. 2 is free from addition of sodium chloride.
No. 3 contains 3% of potassium bicarbonate.
No. 4 contains 150 units of Vitamin D per oz.
No. 5 contains iron and sodium chloride.
No. 6 contains a prophylactic proportion of the anti-scorbutic Vitamin C equivalent to 5 mg. of ascorbic acid per oz.

ALLEN & HANBURYS LTD.
LONDON, E. 2

Telephone: Bishopsgate 3201 (12 lines)
Telegrams: "Greenburys Beth London"

OESTROFORM

in Nervous States

The principal use of the natural œstrogenic hormone Oestroform is in the relief of menopausal symptoms; it acts in a specific manner, swiftly relieving both the nervous and the vaso-motor symptoms. This relief is of vital importance at the present time when the woman at the climacteric stands in need of help to enable her to withstand the stress and strain of war conditions.

Less commonly realised is the fact that some degree of ovarian hypofunction may be present throughout adult life and not necessarily confined to the usual menopausal age. It may be insufficient to produce signs of gross ovarian dysfunction, but nevertheless it does give rise to a wide range of symptoms that are a source of distress to the patient. Such symptoms comprise exhaustion, emotional instability, backache, migrainoid headaches, insomnia, pain in the breasts, nausea and vomiting, cramps, vaginal irritation, hot flushes and loss of sexual desire. Oestroform will be found of great value in the treatment of these cases.

Literature on request

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

SHor/E/77

Trade Mark **HEXANASTAB** Brand

Soluble Hexobarbitone

(Sodium N-methyl-C : C-cyclohexenylmethylbarbiturate)

INTRAVENOUS ANAESTHETIC

Hexanastab is an intravenous anaesthetic with a rapid action for use alone in operations of short duration or as a preliminary to inhalation anaesthesia.

5 ampoules 0.5 gm. with 5 ampoules distilled water . .	7/6
5 ampoules 1 gm. with 5 ampoules distilled water . .	12/6
25 ampoules 1 gm. with 25 ampoules distilled water . .	54/-

HEXANASTAB-ORAL (Hexobarbitone). A rapidly absorbed hypnotic with a short intensive action particularly suitable for inducing sleep in persons who have experienced severe mental strain.

Tablets containing 0.25 gm. (4 gr. approx.)
Tube of 10, 2/3. Bottle of 25, 5/-. Bottle of 250, 37/6

Discount to the medical profession.
Literature sent upon request.

A BOOTS PRODUCT

BOOTS PURE DRUG CO. LTD NOTTINGHAM

B571-65

FOR DISORDERS OF

THE MENOPAUSE

With complete control of psychic disturbances, flushing, skin diseases, etc.

STILBŒSTROL This new synthetic œstrogen has enormously simplified the treatment of all disturbances due to withdrawal of ovarian secretion. Orally administered, it has the same physiological and therapeutic effects as those produced by the subcutaneous injection of the natural follicular hormones.

CALCIUM The inherent advantage of administering calcium in menopausal disorders becomes apparent when it is recalled that the endocrine dysfunction characteristic of this period almost invariably causes a severe disturbance of the calcium metabolism.

'Ovendosyn' provides in tablet form the two constituents—stilbœstrol and calcium—essential to complete replacement therapy in all disturbances of the menopausal state.

'OVENDOSYN'
Brand
TABLETS

Each tablet contains 0·5 mg. Stilbœstrol and 227 mg. Calcium Phosphate.

Physicians are invited to write from their present address for samples.

MENLEY & JAMES, LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

RADIOSTOLEUM

(Standardised Vitamins A and D)

Radiostoleum, by reason of its uniform standard of activity, was adopted as an unvarying standard in the early investigations in determining the clinical value of Vitamins A and D. This uniformity in activity is still maintained, and the economy effected by its use and its convenience and acceptability, has won for Radiostoleum a position as high in the estimation of general practitioners as it held among the earlier clinical investigators.

Radiostoleum is thus the ideal preparation for the administration of Vitamins A and D in general practice. The following forms are available for the particular needs or taste of individual patients—

For prophylaxis
RADIOSTOLEUM CAPSULES

For treatment
RADIOSTOLEUM LIQUID

As an adjunct to infant feeding
RADIOSTOLEUM EMULSION WITH VITAMIN C

For intensive treatment
CONCENTRATED RADIOSTOLEUM FOR INJECTION

Sample on request

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

Rstm/E/426

GLYCURRANT

COUGH LINCTUS

is a new expectorant and sedative preparation, particularly suited to dry coughs, such as that of chronic bronchitis. Its carefully planned composition includes the juice of ripe black currants, an agent which is well known for its soothing effect on the pharynx, and which gives a distinctive, delicious flavour to the mixture.

FORMULA:

Liquid Ext. of Squill ..	m. ½	Glycerin	m. 10
Liquid Ext. of Senega	m. 1	Menthol	gr. 1/128
Solution of Tolu ..	m. 5	Alcohol	m. 4
Codeine Phosphate ..	gr. 1/16	Black Currant Juice ..	m. 10
Syrup of Wild Cherry ..	m. 5	Syrup to	1 fl. dr.

In bottles of 2½ and 5 ozs., at 1/6 and 2/9.

DOSAGE—It is recommended that, for adults, one teaspoonful of Glycurrant Cough Linctus undiluted should be sipped slowly every 3 or 4 hours.

ALLEN and HANBURYS LTD

LONDON E 2

Telephone: Bishopsgate 3201 (12 Lines). Telegrams: "Greenburys, Beth, London."

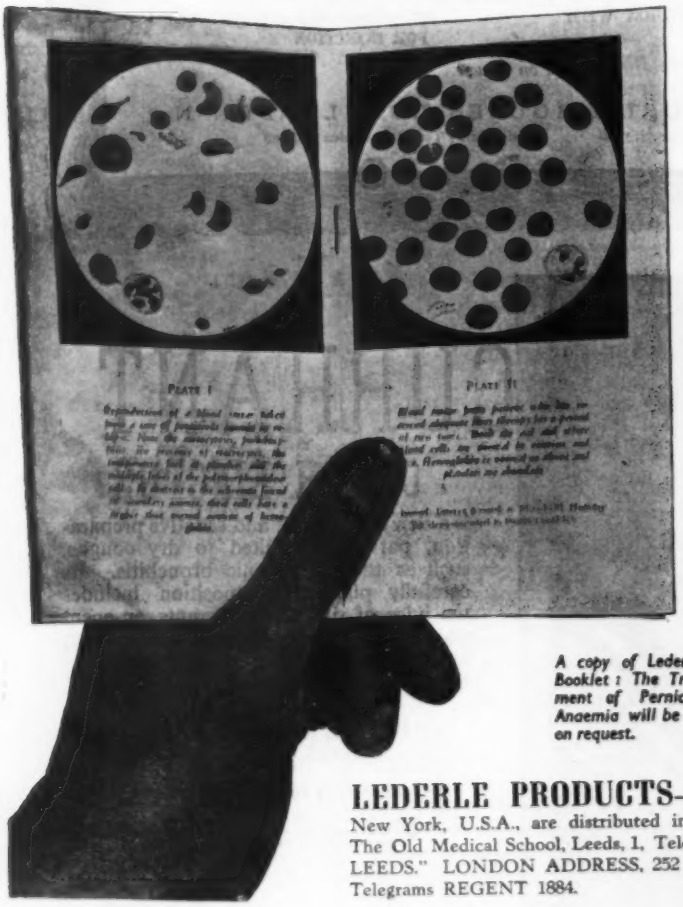
Attaining the Criteria of Effectiveness in

PERNICIOUS ANÆMIA THERAPY

1 cc. Concentrated Solution Liver Extract
(PARENTERAL)

Lederle

IN THE TREATMENT OF PERNICIOUS ANAEMIA the first objective of the physician is the restoration and maintenance of a normal blood picture. The measurable criteria of effective maintenance therapy—red blood cell count of 5,000,000 or more, normal haemoglobin, colour index, cell size, and cell volume—are usually met with the injection of *Lederle's* 1 cc. liver extract at intervals of 7 to 15 or more days.



Patients with pernicious anaemia are not all alike in their requirements of potent material. They differ one from the other and from time to time. Hence no dogmatic statements can be made as to dosage. However, to successfully prevent the development or progress of severe neural lesions much more liver extract is required than needed for maintenance of normal blood. And it is well to bear in mind that, even if neural symptoms are not present, excess amounts of liver are useful to the extent that they may be stored in the body reservoirs and drawn upon as needed.

"1 cc. Concentrated Solution Liver Extract *Lederle*" contains 15 U.S.P. units. Fewer injections, less discomfort and less inconvenience are factors in gaining the co-operation of the patient.

Obtainable in packages of three 1 cc. vials

A copy of Lederle's Booklet: The Treatment of Pernicious Anaemia will be sent on request.

Chas. F. Thackray Ltd.

LEDERLE PRODUCTS—of the LEDERLE LABORATORIES, Inc., New York, U.S.A., are distributed in England by CHAS. F. THACKRAY Ltd., The Old Medical School, Leeds, 1, Telephone 20085 (3 lines) Telegrams "ASEPTIC, LEEDS." LONDON ADDRESS, 252 Regent Street, London, W.1., Telephone and Telegrams REGENT 1884.

IN states of nervous tension there is frequently found an associated impairment of assimilation and nutrition. Conversely it is observed that when measures are taken to provide an easily assimilated food which meets every metabolic need, the patient's condition undergoes definite improvement.

For this purpose, both as an emergency measure and as a regular routine, there is nothing which rivals 'Ovaltine.' This food beverage is a unique combination of malted barley, full cream milk and eggs from the world-famous 'Ovaltine' Farms. The manufacture is carried out by exclusive extraction processes *in vacuo*, at low temperature, and in such a way that all the important dietetic qualities are fully conserved.

The nutritive and energising constituents of 'Ovaltine' are rapidly assimilated, providing every dietary essential, and at the same time exerting a helpful sedative effect on the nervous system.

'Ovaltine' possesses many advantages, and its outstanding usefulness receives even greater emphasis in war-time practice, both civil and military. Now, as in 1914-1918, 'Ovaltine' is widely used in the war-time hospital service both in England and overseas. Supplies are available to hospitals in special packings and at special prices.

A liberal supply for clinical trial sent free on request.

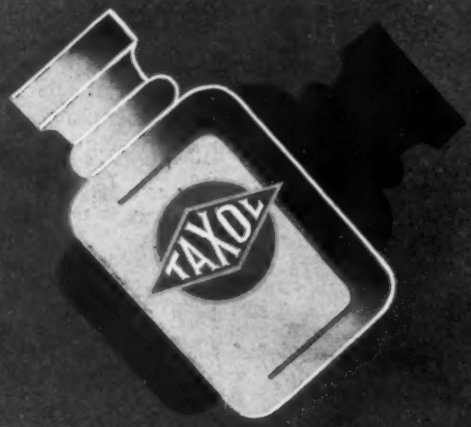
A. WANDER Ltd., 184, Queen's Gate, London, S.W.7

Laboratories, Works and Farms: King's Langley, Herts.

Branches: CANADA: Peterborough, Ont. AUSTRALIA: 1 York Street North, Sydney. NEW ZEALAND: Maritime Buildings, Custom House Quay, Wellington. SOUTH AFRICA: P.O. Box 597, Cape Town. STRAITS SETTLEMENTS: P.O. Box 660, Singapore. HONG-KONG: 18 Pedder Street. Also at Berne, Chicago, Malta, Mauritius, Colombo, Cairo, etc.

Distributing Agents: INDIA: 16 Bank Street, Fort, Bombay.

M.299



FORMULA

INTESTINAL GLAND EX...Ogr. 05
BILIARY EXTRACT.....Ogr. 10
AGAR AGAR.....Ogr. 05
LACTIC FERMENTS....Ogr. 05
Fiat Tablet 0.35grms.
INITIAL DAILY DOSE
2 Tablets.

TAXOL

BIOLOGICAL TREATMENT OF
CONSTIPATION
NON-HABIT FORMING

CONTINENTAL LABORATORIES LTD., Brunel Road, East Acton, London, W.3

HORMOTONE "T"

Enterosol Coated Tablets

Ovarian Follicular Hormones and Thyroid Orally Administered

HORMOTONE "T" acts directly upon the endometrium inducing hyperplasia of the uterine mucosa. Desirable therapy where prolonged treatment and continuous daily absorption are necessary.

For the treatment of ovarian hypofunction: amenorrhea, dysmenorrhea, hypomenorrhea, oligomenorrhea and menopausal disorders.

•

Enterosol Coated tablets each containing 200 international units of biologically assayed and standardized ovarian follicular hormones combined with 1/10 grain thyroid.

•

Bottles containing 40 Enterosol Coated tablets.

•

G. W. CARNRICK CO., LTD.

20, Mount Pleasant Avenue, Newark, New Jersey, U.S.A.

Sole Distributors:

BROOKS & WARBURTON, LTD.

232, VAUXHALL BRIDGE ROAD, LONDON, S.W.1

SAFEGUARDING SLEEP...

"Experience in the treatment of peace-time anxiety associated with the struggle for existence and happiness gives grounds for the belief that the intelligent use of the barbiturates in war-time will help the many millions now facing the challenge from the air. They will take the edge off anxiety, give the highly strung tranquillity and self-confidence, and will send the weary to bed more hopeful that sleep will not be awaited in vain."

"*Lancet*", *October* 19, 1940, *p.* 491

ROCHE PRODUCTS LIMITED have specialised in the manufacture of sedatives and hypnotics, and recommend the following preparations for the prevention and relief of sleeplessness and anxiety:

'SEDOBROL' Sedative Bouillon Tablets

'SEDORMID' Sedative and Hypnotic Tablets

'ALLONAL' Hypnotic and Analgesic Tablets

'SOMNIFAINE' Liquid Hypnotic

For further information and samples please apply to the manufacturers

ROCHE

ROCHE PRODUCTS LIMITED

WELWYN GARDEN CITY, HERTS., ENGLAND

"Lived for three weeks upon a pair of boots, and a silk umbrella, with an ivory handle!" exclaimed Mr. Pickwick

Fortunately, few diets are calorically as inadequate as Mr. Pickwick—his thoughts leaping to tales of castaways rather than to pawnbrokers—at first believed Alfred Jingle's to have been.

Dietary deficiencies of another sort are, however, even among people whose food-intake is well balanced and fully sufficient for energy needs, far more common than is sometimes realised. Many persons, particularly those in sedentary occupations, may receive sub-optimal amounts of certain vitamins *because they do not eat enough*.

Personal likes and dislikes, skimped breakfasts and hasty lunches, food fads, "beauty" diets, carelessness and ignorance—all are additional contributing factors to vitamin deficiencies.

A dependable and convenient means for supplementing deficient diets is provided by Abbott's Penta-Kaps. Each small, tasteless capsule supplies five important vitamins: A, B_1, B_2, C and D.

As is the case with all Abbott vitamin products, Penta-Kaps are biologically standardised, by controlled techniques, for vitamins A, B_1, B_2, and D, and are chemically titrated for vitamin C.

Penta-Kaps are supplied through pharmacies in packages of 25, 100 and 250. If there is any difficulty, write.

EACH CAPSULE CONTAINS:

VITAMIN A	6200 International units
VITAMIN D	900 International units
VITAMIN B_1	75 International units
VITAMIN B_2 (riboflavin)	20 Sherman units
VITAMIN C	200 International units (pure ascorbic acid, 10 mg.)

Physician's Sample — A professional sample of Penta-Kaps (Abbott) will be sent promptly on request.

ABBOTT LABORATORIES
(*ENGLAND*) LIMITED
Wadsworth Road • Perivale, Middlesex

Abbott

Penta-Kaps BRAND

Lancet-39

'COSYLAN'

The Original Syrup Cocillana Compound

'COSYLAN' (Syrup Cocillana Compound, P., D. & Co.) has abundantly justified itself as an efficient remedy for the relief of an irritating cough and, in fact, in any condition caused by bronchial irritation in which the cough is excessive and the secretion and expectoration scanty.

Cocillana is an expectorant of the ipecacuanha type, but it is superior to ipecacuanha because it relaxes the dry congested bronchial mucosa into a freely secreting membrane without even a suggestion of nausea or vomiting.

The other ingredients are so blended with cocillana as to enhance its sedative expectorant action, to allay irritation, to quieten excessive cough and to alleviate pain and the "raw" sensation incident to the stage of congestion in bronchial and laryngeal inflammations.

FORMULA

Each fluid drachm of 'Cosylan' contains:

Tinct. Cocillana...	5 mins.
Tinct. Euphorb. Pilulif.	15 mins.
Syrup Wild Lettuce	15 mins.
Fluid Extract of Squill	$\frac{1}{4}$ min.
Fluid Extract of Senega	$\frac{1}{4}$ min.
Tartarated Antimony	$\frac{1}{164}$ gr.
Cascarin (P., D. & Co.)	1 gr.
Menthol	$\frac{1}{100}$ gr.
Ethylmorph. Hydrochlor.	$\frac{3}{32}$ gr.

The adult dose is half to one teaspoonful, preferably undiluted, to be swallowed slowly three or four times daily.

PARKE, DAVIS & CO.

50 BEAK ST., LONDON, W.1.

Inc. U.S.A., Liability Limited

Laboratories: Hounslow, Middlesex

MEDICAMENTA VERA

MEDICAL EVANS PRODUCTS

Antitoxins and Sera

The following antitoxins and sera are manufactured and tested at The Evans Biological Institute, Cheshire, and are therefore British products.

Anti-Dysentery Serum Shiga
Anti-Dysentery Serum (Mixed)
Anti-Dysentery Serum (Flexner P.V.W.X.Y.Z.)

Diphtheria Antitoxin 4,000 units per c.c.

Gas-gangrene Antitoxin (Perfringens)
Gas-gangrene Antitoxin (Mixed)
Tetanus—Gas-gangrene Antitoxin Combined

Streptococcus (Erysipelas) Antitoxin (Concentrated Globulins)
Streptococcus (Puerperal) Antitoxin (Concentrated Globulins)
Streptococcus (Scarlatina) Antitoxin (Concentrated Globulins)

Tetanus Antitoxin

Anti-Streptococcus Serum (Polyvalent)
Hæmostatic Serum
Normal Horse Serum

Further details sent on application to Home Medical Dept., Hanover Street, Liverpool.

Made at the Evans Biological Institute by

Evans Sons Lescher & Webb Ltd.

Liverpool and London

Is GOLD Expensive?

There is a widely held belief that the cost of gold therapy is excessive. The actual facts, however, do not support such a conclusion and there is no reason why this form of treatment should ever be withheld on the grounds of economy.

A first course of

MYOCRISIN

TRADE MARK

in

RHEUMATOID ARTHRITIS

costs approximately thirty shillings

Ampoules of 0.01 *gm.*, 0.02 *gm.*, 0.05 *gm.* *and* 0.10 *gm.*

IS GOLD DANGEROUS?

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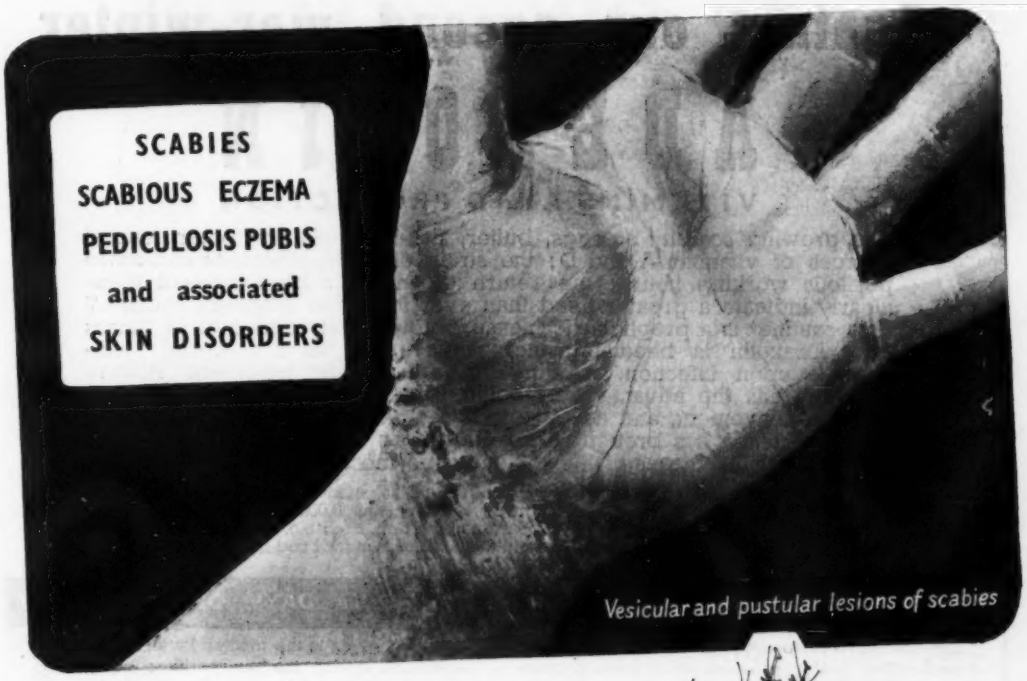

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The growing scarcity of eggs, butter, fish-liver oils and other natural sources of vitamins A and D; the strain of more strenuous and more perilous working hours; the return of an early black-out—all these clearly indicate a greater need than ever for "The Adexolin routine." This routine* is a prophylactic measure now widely adopted. In illness also, Adexolin is becoming increasingly used as a powerful "side attack" upon infection, standing behind specific treatment. Always Adexolin has the advantage of being standardised, rational in A-to-D balance, convenient, and acceptable to the patient. Moreover, the recent price reduction has brought Adexolin, never an expensive item, even more within the means of the patients who most need the supplement.

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*The Adexolin winter routine, 1 to 2 Capsules a day from October to May, provides an optimum supplement of vitamin protection—vitamin A to fortify the epithelial barrier to infection; vitamin D to regulate calcium-phosphorus metabolism.

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The Adexolin routine for the infant gives powerful help to normal growth, to dental and skeletal development, and to resistance against infection. The Liquid can be given unnoticed in the bottle feed, in the fruit juice, or on the infant's tongue. Adexolin Emulsion, miscible with milk, is an excellent tonic for debilitated and underweight infants.

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Adexolin, by instituting a nutritional attack upon infection, is of great value as an adjunct in the treatment of gastro-intestinal, nephritic and metabolic disorders; hypo-vitaminosis incidental to restrictive diet therapy; febrile illnesses; debility; and in convalescence.

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In cases of acute illness it is natural that the cost of the necessary remedies should not be regarded as of primary importance. But in the all too prevalent cases of dietary deficiencies, where a prolonged course of treatment is indicated, the cost of the prescription has to be considered.

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Average deficiency		*Amounts supplied by Complevite*
3,700 I.U.	VITAMIN A	4,000 I.U.
150 I.U.	VITAMIN B_1	200 I.U.
350 I.U.	VITAMIN C	400 I.U.
250 I.U.	VITAMIN D	300 I.U.
0.35 grms.	CALCIUM	0.35 grms.
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0.18 grms.	PHOSPHORUS	0.55 grms.
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Biochemical J., 1935, *and other sources.*
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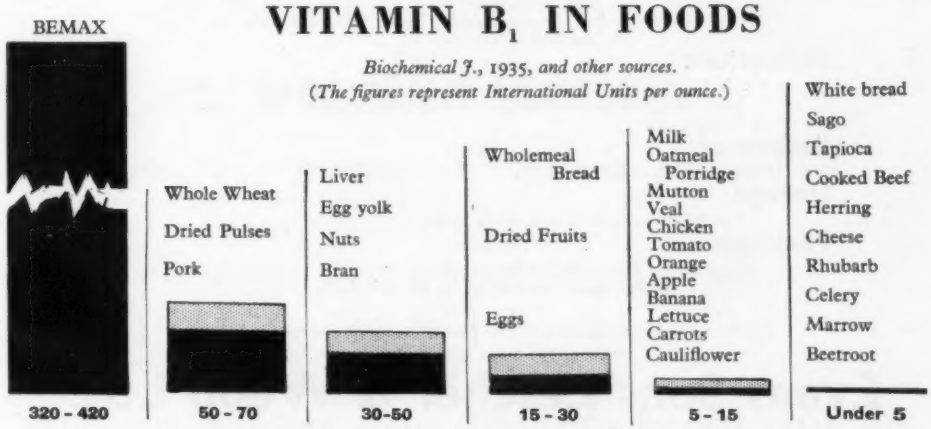

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Composition

A combination of Diphtheria Alum Precipitated Toxoid with Whooping-cough Vaccine. Each c.c. of the combined prophylactic contains:—
0·5 c.c. Diphtheria A.P.T.
30,000 millions *H. pertussis*.

Indications

Simultaneous immunisation of children who have attained the age of 9 to 12 months, against Diphtheria and Whooping-cough.

Dosage

Three injections of 0·5 c.c., 1·0 c.c., 1·0 c.c., respectively, at monthly intervals.

References

Ledingham (1939). *Brit. med. J.* **2**, 845.
Ledingham (1940). *Practitioner*, **145**, 89.
Maclean (1940). *Proc. R. Soc. Med.* **33**, 428 and 430.
Schütze (1940). *Lancet*, **2**, 192.

Packages

Boxes of 3 doses sufficient for one person.
Rubber-capped bottles of 10 c.c.

Anti-typhoid-paratyphoid Vaccine with Tetanus Toxoid T.A.B.T. (Evans)

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Bact. paratyphosum A .....250 millions.
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Indications

Simultaneous immunisation of the following against Tetanus and Typhoid:—Men and women in the Services, Civilian Defence Units, Police, Agricultural Workers, etc.

Reference

Ramon (1937). *Ann. Méd.* **42**, 381.

Dosage

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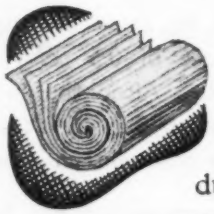

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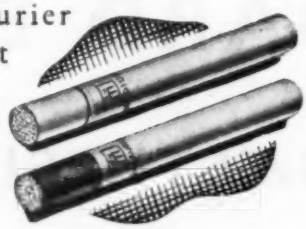

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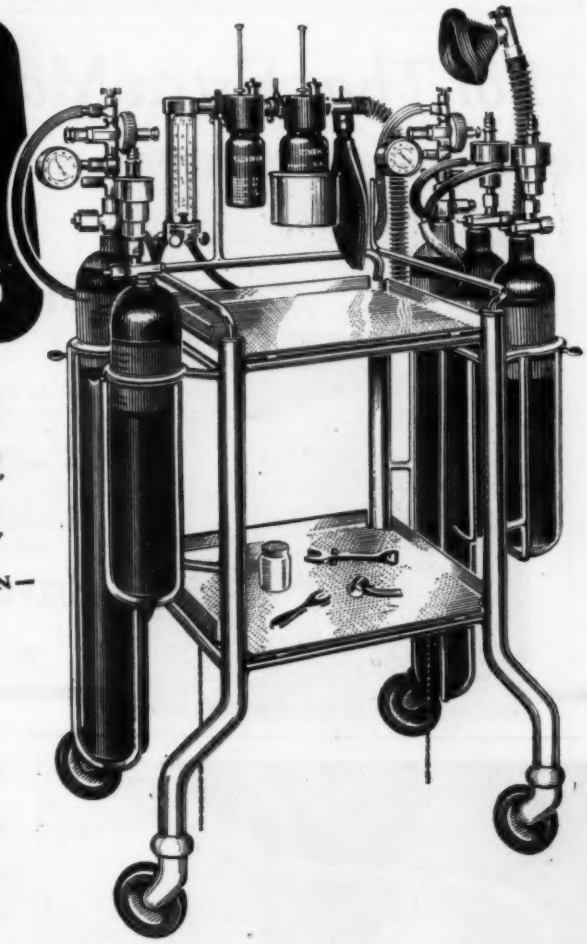

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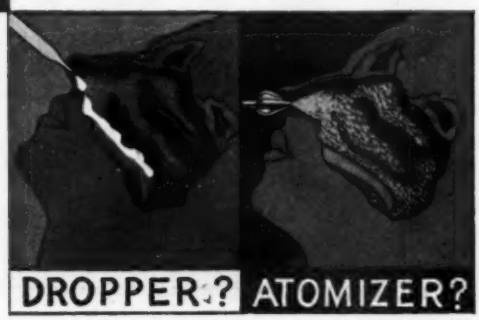

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WAR SURGERY OF THE NERVOUS SYSTEM—November 18th-22nd, 1940

Monday, 18th Nov.	10 A.M.	The Surgical Anatomy of the Skull and Brain.	Mr. G. C. Knight, M.B., B.S., F.R.C.S.
	10.30 A.M.	(a) The Mechanism and Nature of Injuries of the Skull. (b) The Mechanism and Nature of Concomitant Damage to the Brain.	
	1.30 P.M.	Bus to Royal College of Surgeons.	
	2 P.M.	Demonstration of Specimens illustrating War Surgery of the Nervous System.	Mr. G. C. Knight, M.B., B.S., F.R.C.S.
Tuesday, 19th Nov.	10 A.M.	(a) Immediate Treatment and Management of Gunshot Wounds of Skull and Brain. (b) Closed Injuries of Skull and Brain, their Complications and Management.	
	2 P.M.	Demonstrations on the Cadaver of Operations on the Skull and Brain.	Mr. A. K. Henry, M.Ch., F.R.C.S.
Wednesday, 20th Nov.	10 A.M.	Surgical Sequelæ of Wounds of the Skull and Brain.	Mr. G. C. Knight, M.B., B.S., F.R.C.S.
	12.15 P.M.	The Use of X-rays in the Diagnosis of Head Injuries.	Dr. J. Duncan White, M.B.,Ch.B., D.M.R.E.
Wednesday,	2 P.M.	Care of the Bladder in Injuries of the Nervous System.	Sir Alfred Webb-Johnson, C.B.E., D.S.O., F.R.C.S., F.A.C.S., F.R.A.C.S.
	3.15 P.M.	Disorders following Head Injuries.	Dr. Aubrey Lewis, M.D., F.R.C.P.
Thursday, 21st Nov.	10 A.M.	War Injuries of the Spinal Column.	Prof. Lambert Rogers, F.R.C.S., F.A.C.S., F.R.A.C.S.
	11.15 A.M.	War Wounds of the Peripheral Nerves and Their Treatment.	
	1.30 P.M.	X-rays in War Injuries of the Spine.	Dr. J. Duncan White, M.B.,Ch.B.,D.M.R.E.
	2 P.M.	Surgery of War Injuries of the Spine (cont.).	Prof. Lambert Rogers, F.R.C.S., F.A.C.S., F.R.A.C.S.
	3 P.M.	Late Results of Peripheral Nerve Injuries, with their Treatment.	
Friday, 22nd Nov.	10 A.M.	Investigation of Peripheral Nerve Lesions.	Dr. N. S. Alcock, M.B., Ch.B., M.R.C.P.
	11.15 A.M.	Some Sequelæ of War Wounds of the Skull and Spine.	
	1.30 P.M.	Demonstration on the Cadaver of Operations on the Spine.	Mr. A. K. Henry, M.Ch., F.R.C.S.
	2.15 P.M.	Possibilities of Nerve Grafting.	Mr. F. H. Bentley, F.R.C.S.
	3.15 P.M.	Hysterical Disorders Associated with Wounds.	Dr. J. Purdon Martin, M.D., F.R.C.P.

The fee for the Course will be £1 1s., but no fee will be charged in the case of Officers of the Armed Forces and E.M.S. who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, London, W.12.

It is hoped to arrange a further War Course as follows: OPERATIVE SURGERY IN WARTIME, including CADAVER SURGERY, December 2nd–13th.

STATIONS: Wood Lane (Central London Railway), Ladbroke Grove (Metropolitan Railway) and No. 7 (Acton Vale) Bus.

BUSES: No. 7 (Acton Vale), Nos. 72 and 105 to Bloemfontein Road, Westway. TROLLEY-BUSES: Nos. 628 and 630.

EXAMINING BOARD IN ENGLAND

BY THE

ROYAL COLLEGE OF PHYSICIANS OF LONDON

AND THE

ROYAL COLLEGE OF SURGEONS OF ENGLAND

Notice is hereby given that the following Examinations will commence on the dates stated below:—

PRE-MEDICAL EXAMINATION
(Chemistry, Physics and Biology)
MONDAY, DECEMBER 2ND.

FIRST EXAMINATION
(Anatomy, Physiology and Pharmacology)
MONDAY, DECEMBER 16TH.

FINAL EXAMINATION
(Pathology, Medicine, Surgery and Midwifery)
WEDNESDAY, JANUARY 1ST.

☞ Candidates who have fulfilled the necessary conditions and who desire to present themselves for examination must give notice in writing to the Secretary, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the examination, transmitting at the same time such certificates as may be required by the Regulations of the Board.

HORACE H. REW, Secretary.

University of Oxford.

DIPLOMA IN OPHTHALMOLOGY.

The examination for the Diploma will be held in December, 1941, if sufficient candidates enter their names for it by September 1st, 1941.

The two months' course of instruction will commence in October, 1941.

All candidates have to produce a certificate showing that they have duly attended a course of Clinical Ophthalmology for twelve calendar months, in connexion with hospitals or institutions recognised for the purpose by the Board of the Faculty of Medicine.

There are a certain number of vacancies at the Oxford Eye Hospital for students who desire to work for this certificate.

For further information, apply to the Dean of the Medical School, The University Museum, Oxford.

F. H. ADAMS, Margaret Ogilvie Reader in Ophthalmology.

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Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

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THE ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE

The course of instruction can be commenced at any time.

Candidates holding appointments are admitted to Part II Course as part-time students.

A prospectus and further particulars can be obtained from the Secretary. Telephone: Langham 2731–2.

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Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

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A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

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For Mental Cases with or without Certificates.

Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

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PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

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FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.

RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

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ROCHDALE (Lancs)

Founder: The late SIR A. J. LAW, J.P., M.P.

A Private Hospital, exclusively for the treatment of POST-ENCEPHALITIC PARKINSONISM, PARKINSON'S DISEASE and ALLIED DISORDERS

The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

HOLLOWAY SANATORIUM VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—

The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS, NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

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An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

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There is also a charming house, EBWORTHY, HANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

VALE OF CLWYD SANATORIUM

This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

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A Private Clinic, the first in Great Britain, for investigation and treatment of all forms of disease, except infectious and mental

There is a steel and concrete Air Raid Shelter with heating and a lift to all floors

Inclusive charges Apply SECRETARY Telephone: Ruthin 66

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For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to :—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119

HAYDOCK LODGE,

NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams: "Alleviated, London" **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

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The New Cheshire Home of MUNDESLEY SANATORIUM

This Modernised Mansion, situated in its own beautiful grounds in the heart of Cheshire, has been taken over, equipped and adapted to provide the high standard of treatment always associated with Mundesley Sanatorium—and more than ever necessary in Wartime. Terms from 6½ to 10½ guineas weekly. Tel. : Winsford 3336.

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A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

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For further particulars apply to the MEDICAL SUPERINTENDENT

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ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

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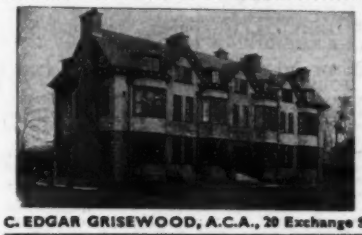

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For further particulars apply
Secretary,

C. EDGAR GRISEWOOD, A.C.A., 20 Exchange St. East, Liverpool

CITY OF LONDON MENTAL HOSPITAL
Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

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HOSPITAL FOR MENTAL DISEASES.
President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

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Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK.

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Over 50 years' experience

POSTAL AND ORAL COACHING
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ALL MEDICAL EXAMINATIONS

MEDICAL PROSPECTUS (36 pages),
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The Royal Masonic Hospital,
Ravenscourt Park, W.6.

A post of RESIDENT SURGICAL OFFICER (B1) (Male), one of four Residents (two Medical and two Surgical Officers), will be vacant immediately. Another post, also B1, will be vacant on the 1st December, 1940. Salary at the rate of £250 per annum for each post, with board, residence, and laundry. The appointment in each case is for six months. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered, and must have held resident appointments at a General Hospital. The Institution is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary nursing home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the Honorary Secretaries, from whom further information may be obtained.

British Postgraduate Medical School.
(UNIVERSITY OF LONDON.)

HOUSE SURGEON.

There is a vacancy for a House Surgeon (A) from November 30th, 1940.

Applications are invited from registered Practitioners, Male and Female, including R Practitioners within three months of qualification. The appointment is for six months. Salary is at the rate of £105 per annum, with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Dean, British Postgraduate Medical School, Ducane-road, W.12, not later than November 12th, 1940.

The Royal Cancer Hospital (Free)
(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of HOUSE SURGEON to commence duty on the 1st January, 1941. Candidates must be unmarried. Salary at the rate of £100 per annum. The appointment is for six months and subject to rules, a copy of which can be obtained from the Secretary.

Applications, to be made on a form which will be supplied by the Secretary, with copies only of not more than three recent testimonials, to be sent to the Secretary not later than the first post on Tuesday, 12th November, 1940.

CLEMENT COBBOLD, Secretary.

Poplar Hospital, London, E.14.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the post of Male ASSISTANT RESIDENT MEDICAL OFFICER (B2). Salary at the rate of £166 per annum, all found. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of nine months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent immediately to the Secretary.

The Salvation Army,
THE MOTHERS' HOSPITAL,
Lower Clapton-road, Clapton, E.5.

Applications are invited from Medical Women for the post of JUNIOR RESIDENT MEDICAL OFFICER (B2), vacant December 1st, 1940. Salary £80 per annum, with board, residence, and laundry. The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than first post on Friday, November 15th, 1940.

FRED HAMMOND, Secretary.

St. Mary's Hospital for Women
AND CHILDREN, Plaistow, London, E.13.

Applications are invited from registered Medical Practitioners, including suitably qualified R practitioners holding B2 or B1 posts, for RESIDENT SURGICAL OFFICER (B1) and for RESIDENT MEDICAL OFFICER (B2), including from R practitioners who now hold A posts. The appointments are for six months, and candidates must be British by birth and nationality. Salary at the rate of £200 per annum, with board and residence.

Applications, with copies of recent testimonials, to be sent as soon as possible to the undersigned.

A. ERNEST WILKES, Secretary.

November 4th, 1940.

Queen's Hospital for Children,
Hackney-road, E.2.

HOUSE PHYSICIAN (B2) required 1st December, 1940. Six months' appointment. Salary at rate of £100 per annum, with board, lodging, and laundry. Candidates must be prepared to participate in the emergency hospital arrangements in connexion with which beds have been reserved and in respect of which additional remuneration is payable. R Practitioners holding A posts are invited to apply.

Applications must be made on forms to be obtained from the undersigned and be sent in, with copies of not more than three testimonials, on or before the 21st November, 1940.

CHARLES H. BESSELL, Secretary.

Resident Junior Assistant Medical
OFFICER (B2) required by MIDDLESEX COUNTY COUNCIL for NORTH MIDDLESEX COUNTY HOSPITAL, Silver-street, Edmonton, N.18.

Applications invited from registered Medical Practitioners, Male or Female, who have held residential appointments in General Hospitals and also from R Practitioners who now hold A posts. Salary £250 per annum, with board, lodging, and laundry. Whole-time medical and surgical duties under supervision of Medical Superintendent, subject to medical examination and one month's notice. Is primarily for six months, may be extended for further six months, but limited to six months if held by R Practitioner. Post now vacant.

Applications, stating age, qualifications with dates, nationality, present post, and previous appointment, to be made to the undersigned.

No application forms provided, relationship to any member or officer of the Council to be disclosed, copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 23rd November.

C. W. RADCLIFFE "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

The Hospital for Sick Children,
Great Ormond-street, London, W.C.1.

A vacancy for a HOUSE SURGEON (B2) will occur on the 9th December, 1940.

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners who hold A posts.

The appointment is tenable for six months, salary at the rate of £100 per annum, with full residential emoluments.

Further particulars and forms of application, which must be returned not later than the 2nd December, 1940, are obtainable from the undersigned.

HERBERT F. RUTHERFORD, Secretary.

November, 1940.

Metropolitan Borough of Lambeth.

TEMPORARY APPOINTMENT OF TWO ASSISTANT MEDICAL OFFICERS OF HEALTH.

Applications are invited from registered Medical Practitioners holding a registrable diploma in sanitary science, public health, or state medicine, for two temporary appointments of Assistant Medical Officers of Health, at an inclusive salary of £600 a year, with a car allowance of £50 a year. The two officers appointed will be required to devote the whole of their time to the duties of the office under the direction of the Medical Officer of Health, which will consist of frequent and regular inspection by day and by night of the public shelters in the district and of such other medical services as the Civil Defence Emergency Committee may require of them.

The appointments are subject to one month's notice on either side and do not confer any rights under the Council's superannuation scheme.

Applications, together with copies of three testimonials, must reach the undersigned not later than Monday, the 18th November, with the envelope endorsed "Assistant Medical Officer of Health."

O. L. ROBERTS, Town Clerk and A.R.P. Controller.

Lambeth Town Hall, Brixton Hill, S.W.2.

St. John's Hospital, Lewisham, S.E.13.

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment for six months of HOUSE PHYSICIAN (A) to become vacant on December 1st next, including R Practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

J. C. GILBERT, Secretary-Superintendent.

Chelsea Hospital for Women,
London, S.W.3.

Applications are invited from registered Medical Practitioners, including R practitioners who now hold A posts, for a HOUSE SURGEON (B2), vacant January 1st, 1941. If held by an R Practitioner, the appointment will be limited to six months, otherwise it may be extended to one year.

Applications are also invited for a House Surgeon (B1). Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. The appointment will be for a period of six months in the first instance from January 1st, 1941, but may be extended to one year.

Salary in each case at the rate of £200 per annum, together with board, residence and laundry.

Applications, giving full particulars, together with copies of three recent testimonials, must reach the undersigned not later than Wednesday, 20th November, 1940.

GEO. W. COOLING, Secretary.

King Edward Memorial Hospital,
Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of CASUALTY OFFICER and HOUSE SURGEON (A), which includes duties in the EAR, NOSE, AND THROAT, DENTAL AND GYNÆCOLOGICAL DEPARTMENTS now vacant, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

King Edward Memorial Hospital,
Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1) now vacant. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. (Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.) Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

28th October, 1940.

City and County of Newcastle upon
TYNE.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
SHOTLEY BRIDGE EMERGENCY HOSPITAL. (800 Beds.)

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R Practitioners within six months of qualification.

The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Emergency Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

5th November, 1940.

Kent and Canterbury Hospital.
(Four R.M.O.'s—364 Beds.)

Applications are invited from Male registered Medical Practitioners for the appointment of a HOUSE SURGEON (B2) to become vacant on 19th November, 1940, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be for a period of six months. The salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. F. KENT, Superintendent and Secretary.

17th October, 1940.

Royal Berkshire Hospital, Reading.

CASUALTY OFFICER (A) (MALE).

Applications are invited from registered Medical Practitioners (Male) for the appointment of Casualty Officer (A) (Male), including R Practitioners within three months of qualification.

If held by an R Practitioner the appointment will be for a period of six months.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Preston and County of Lancaster Queen

VICTORIA ROYAL INFIRMARY.
General Hospital. (404 Beds.)

APPOINTMENT of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant about the 18th November next. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding an F.R.C.S. Diploma. Suitably qualified Practitioners, including R Practitioners holding B2 or B1 appointments, are invited to apply. The salary is at the rate of £350 per annum, with board, residence, and washing.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to Mr. JOHN GIBSON, F.H.O.A., J.P., Superintendent and Secretary, Royal Infirmary, Preston.

Liverpool and District Hospital for

DISEASES OF THE HEART,
34, Oxford-street, Liverpool, 7.

Applications are invited from registered Medical Practitioners, Male and Female, for the immediate appointment of a HOUSE PHYSICIAN (A). If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss LEWIS, Secretary.

Royal Sheffield Infirmary and Hospital.

THE ROYAL INFIRMARY, SHEFFIELD, 6.
(476 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the following appointments:—

HOUSE SURGEON (A),
ORTHOPÆDIC HOUSE SURGEON (A),
AURAL HOUSE SURGEON (A),
ASSISTANT CASUALTY OFFICER (A),

now vacant, including R Practitioners within three months of qualification. The appointments will be tenable for six months. Salary is at the rate of £80 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

23rd October, 1940.

Cheshire County Mental Hospital,

PARKSIDE, MACCLESFIELD.

TEMPORARY MALE ASSISTANT MEDICAL OFFICER required, Single, ineligible for war service. Previous mental hospital experience not essential. Salary £7 7s. per week, with board, apartments, and laundry.

Preference will be given to candidate with laboratory experience.

Applications, stating qualifications, with copies of three recent testimonials, to be sent to the Medical Superintendent to be received as soon as possible.

Worthing Hospital.

Applications are invited immediately from registered Medical Practitioners, including R Practitioners within 3 months of qualification, for the post of HOUSE SURGEON (A). The appointment is for six months. Salary at the rate of £130 per annum, with board, lodging and laundry.

Candidates (Male) should forward applications, stating age, nationality, qualifications, and experience, accompanied by testimonials to the undersigned.

A. V. OAKTON, House Governor.

The Welsh National School of

MEDICINE.
(UNIVERSITY OF WALES.)

A DEMONSTRATOR (Male or Female) is required in the DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY of the Welsh National School of Medicine, Cardiff.

The appointment is a temporary one for a period not exceeding two years at a salary at the rate of £250 per annum.

Further particulars may be obtained from the undersigned, to whom applications, accompanied by copies of testimonials, must be sent immediately.

S. C. EDWARDS, Secretary.

The Welsh National School of Medicine, The Parade, Cardiff.

The King Edward VII Welsh

NATIONAL MEMORIAL ASSOCIATION

Applications are invited from registered Medical Practitioners, Male (2 vacancies) for the appointment of HOUSE PHYSICIANS (A) to become vacant on Dec. 31, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year.

The vacancies occur at Sully Hospital, Sully, Glam (300 beds for the treatment of pulmonary tuberculosis), situate between Penarth and Barry.

Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Wednesday, November 20th, 1940.

D. A. POWELL,
Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff,
November 5, 1940.

Parkside Emergency Hospital,

MACCLESFIELD.

Applications are invited from registered Male Medical Practitioners for the appointment of a HOUSE SURGEON (A), including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent.

King Edward VII Hospital, Windsor.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A). If held by R Practitioner the appointment will be for a period of six months. The salary is at the rate of £120 per annum, with full residential emoluments, and at the present time an additional £32 per annum is paid from a grant made by the Ministry of Health.

Applications, stating age, qualifications with dates, and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GEORGE WESTON, Secretary.

St. Mary's Hospitals, Whitworth

PARK, MANCHESTER.

Applications are invited for registered Medical Practitioners, including R practitioners holding A posts, for the appointment of RESIDENT ANÆSTHETIST (B2) for a period of six months, Male or Female. Candidates must have held a previous resident post as House Physician or House Surgeon. The hospitals are recognised by the Conjoint Board for the purposes of qualifying for the examination for the Diploma in Anæsthetics. Salary at the rate of £150 per annum, with board and residence. Applications, together with recent testimonials, to be sent to the Superintendent and Secretary.

The Royal Alexandra Hospital for
SICK CHILDREN, BRIGHTON.
(100 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who now hold A posts, for the appointment of a HOUSE PHYSICIAN (B2) to commence duties immediately. Salary is at the rate of £150 per annum, with full residential emoluments. The Hospital is recognised for the D.C.H. Diploma and the M.D. Examination, Branch 1. Six months' appointment.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

29th October, 1940.

The Liverpool Sanatorium, Frodsham,
CHESHIRE.
(175 Beds for the Treatment of Pulmonary Tuberculosis.)

DEPUTY MEDICAL SUPERINTENDENT (B1) required. Salary £400–£15–£500. Experience in the treatment of pulmonary tuberculosis essential. Suitably qualified R Practitioners holding B1 or B2 appointments may apply.

Application on form obtainable from the Medical Superintendent.

City of Birmingham.
MATERNITY AND CHILD WELFARE DEPARTMENT.

TEMPORARY MEDICAL OFFICER.

Applications are invited for a temporary Woman Medical Officer, duties to commence on 1st January, 1941.

The work includes attendance at ante-natal and children's clinics.

Applicants should have had considerable experience in work with mothers and children, including a six months' resident post in a Maternity Hospital and in a Children's Hospital. The salary offered is £10 per week.

Applications, endorsed "Temporary Medical Officer for Maternity and Child Welfare," and accompanied by copies of three recent testimonials, to be made on a form obtainable from the Medical Officer of Health, Council House, Birmingham, 3, and returned to him on or before the 15th November, 1940.

Manchester Royal Infirmary.
REGISTRAR TO MEDICAL OUT-PATIENT DEPARTMENT
(Non-resident).

The Board of Management of the Manchester Royal Infirmary invite applications from registered Medical Practitioners, including R Practitioners who now hold A posts, for the appointment of Non-resident Registrar to Medical Out-patient Department (B2) now vacant. Applicants should have held a hospital appointment.

The appointment (mornings only 9 A.M. to 1 P.M., Sundays excepted) is for six months, subject to the provisions of the bye-laws as to notice, &c. Salary is at the rate of £150 per annum.

Applications, stating age, qualifications with dates, nationality, and present post, with testimonials, to be sent to the Chairman of the Medical Board not later than 13th November, 1940.

By Order.

F. J. CABLE, General Superintendent and Secretary.

31st October, 1940.

Royal Halifax Infirmary.

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for a CASUALTY OFFICER (A) now vacant. Salary £150 per annum, with full residential emoluments. If held by an R Practitioner the appointment will be for six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

4th November, 1940. A. MIDGLEY, Secretary.

Manchester Royal Infirmary.
APPOINTMENT OF BLOOD TRANSFUSION OFFICER.

The Board of Management of the Manchester Royal Infirmary invite applications from registered Medical Practitioners, including R Practitioners who now hold A posts, when its tenure will be limited to six months, for the appointment of Resident Blood Transfusion Officer (B2) now vacant. Applicants to be registered and have held a hospital appointment.

The duties include examination of blood donors, grouping of patients, collection and storage of blood, and maintenance of the Blood Bank in the Infirmary. The officer will be expected to carry out research on problems connected with blood transfusion and to work in conjunction with the Civilian Hospital Emergency Blood Transfusion Service for the area as may be required.

The appointment is full time, salary £150 per annum, with board, residence, and allowance for laundry.

Applications, stating age, qualifications with dates, nationality, and present post, to be sent to the Chairman of the Medical Board immediately.

By Order.

F. J. CABLE, General Superintendent and Secretary.

31st October, 1940.

Derbyshire Education Committee.
SCHOOL MEDICAL SERVICE.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited for the post of Temporary Assistant School Medical Officer at a salary of £500 per annum, together with a travelling allowance in accordance with the County Scale.

Candidates must be registered Medical Practitioners of at least three years' standing. The duties will include work under the Maternity and Child Welfare Service, and experience in this work and in Mental Deficiency is desirable.

Applicants may be of either sex, but in the case of Males they should be over thirty-five years of age.

The appointment will be subject to superannuation under the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

The Officer appointed will not be allowed to engage in private or consulting practice, but will be required to devote the whole time to the duties of the office and will act under the direction of the School Medical Officer.

Forms of application may be obtained from the undersigned, to whom they should be returned completed, together with copies of not more than three recent testimonials, on or before 22nd November, 1940, endorsed "Temporary Assistant School Medical Officer."

The appointment will be terminable by three months' notice on either side.

W. M. ASH, School Medical Officer.

County Offices, St. Mary's Gate, Derby,
4th November, 1940.

Borough of Heston and Isleworth.
SENIOR ASSISTANT MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER (TEMPORARY).

Applications are invited from registered Medical Men with a Public Health qualification for the position of Senior Assistant Medical Officer of Health and School Medical Officer.

Candidates must have had previous experience in a Public Health Department and will be required to carry out such duties as the Medical Officer of Health may direct.

The salary will be at the rate of £600 per annum, rising to £725 per annum by annual increments of £25. The person appointed will be required to devote his whole time to the duties and will not be allowed to engage in private practice.

The appointment is in the first instance for a maximum period of twelve months, but may be extended and is terminable at any time by one month's notice.

Forms of application may be obtained from the Medical Officer of Health, 92, Bath Road, Hounslow, and completed applications, accompanied by not more than three recent testimonials and endorsed "Assistant Medical Officer" should be submitted to the undersigned not later than the 21st November, 1940.

HAROLD SWANN, Town Clerk.

Council House, Hounslow.

Kent and Sussex Hospital, Royal
TUNBRIDGE WELLS.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (A), vacant immediately, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

4th November, 1940.

The Jessop Hospital for Women,
SHEFFIELD.

The Board of Management invite applications for the post of HOUSE SURGEON (Male or Female) (B2) commencing this month, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months.

Salary £100 per annum, together with board, residence, and laundry.

Membership of a Medical Defence Society is a condition of appointment.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

DAVID OSWALD, Superintendent and Secretary.

The Staffordshire General Infirmary,
STAFFORD.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), to commence duties on the 7th December, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary £175 per annum, with board-residence.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 2nd November, 1940.

Wolverhampton and Midland Counties
EYE INFIRMARY.

HOUSE SURGEON (B2) wanted. Ophthalmic experience preferred. Duties to commence at the beginning of January, 1941. There are 70 Beds for In-patients and large Out-patient Department. Salary £150 a year, with furnished apartments, board, and laundry.

Ladies and gentlemen, who must be registered Medical Practitioners, applying should state age and experience, and send copies of three recent testimonials to reach the Secretary not later than first post on 18th November. R Practitioners are invited to apply when appointment will be limited to six months. The Eye Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

23rd October, 1940.

City of Portsmouth.
SAINT MARY'S HOSPITAL (1275 Beds.)

Applications are invited for the immediate appointment of:—

1. One SENIOR ASSISTANT RESIDENT MEDICAL OFFICER (B1 Post).

Applicants should have had at least two years' hospital experience, and preference will be given to those having a knowledge of, and experience in, general medical work. Suitably qualified R Practitioners holding B1 or B2 appointments may apply. Salary at the rate of £350 per annum for the first year and £375 per annum for the second year, with residential emoluments valued at £125 per annum.

2. One JUNIOR ASSISTANT RESIDENT MEDICAL OFFICER (A Post).

Applicants may include R Practitioners within six months of qualification. If held by an R Practitioner appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with residential emoluments valued at £125 per annum.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937.

Application forms may be obtained from, and must be returned to, the Acting Medical Officer of Health, Northern Secondary School, Portsmouth, forthwith.

Canvassing will be a disqualification.

F. J. SPARKS, Town Clerk.

The Guildhall, Portsmouth, 24th October, 1940.

Duchess of York Hospital for
BABIES, MANCHESTER 19.
(80 Cots.)

Applications are invited for the post of JUNIOR RESIDENT MEDICAL OFFICER (Male or Female) (an A appointment) for six months from January 1st, 1941. Salary at the rate of £100 per annum, with full residential emoluments. R Practitioners within three months of qualification may apply.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, will be accepted by the undersigned up to 23rd November, 1940.

LOUISE GILLESPIE, Secretary.

County Borough of Huddersfield.
APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from registered Medical Practitioners (Ladies) who have had special experience in antenatal work, and in the care of infants. Salary £500–£25–£700, initial salary according to experience. The doctor appointed will be required to reside in the Princess Royal Maternity Home, and a deduction will be made from the salary for board, &c.

The post will be designated under the Local Government Superannuation Acts, 1937, and the successful candidate will be required to pass a medical examination before being appointed to the position.

Applications, stating age, full particulars regarding training, qualifications, and appointments held since qualifications, should be forwarded to the Medical Officer of Health, Public Health Department, Huddersfield, along with copies of two recent testimonials, so as to reach him not later than Thursday, November 14th, 1940.

Application forms are not provided.

SAMUEL PROCTER, Town Clerk.

Town Hall, Huddersfield, October, 1940.

Administrative County of Essex.
OBSTETRIC SPECIALIST.

The County Council of the Administrative County of Essex desire to engage the services of a part-time Obstetric Consultant. The remuneration offered is at the rate of £500 per annum, together with travelling expenses, and the appointment in the first instance will be made for a period of one year only.

The Consultant appointed will be required to reside in the vicinity of Chelmsford, to attend in any part of the Administrative County as required, but to associate himself particularly with St. John's Hospital, Chelmsford. A more detailed list of duties can be obtained from the undersigned upon application.

Applications, accompanied by copies of not more than three recent testimonials, which will not be returned, should be addressed to me at the County Hall, Chelmsford, not later than Friday, the 15th day of November, 1940.

E. S. HOLCROFT, Clerk of the County Council.

County Hall, Chelmsford, 28th October, 1940.

Berkshire Education Committee.
SCHOOL DENTIST.

Applications are invited from qualified and registered Dental Surgeons for the temporary post of School Dentist.

The appointment is a full-time one and the person appointed will be required to act under the instructions of the School Medical Officer.

The salary is £500 to £600 per annum according to experience.

Forms of application may be obtained from the undersigned, and applications should be returned not later than November 14th, 1940.

It will be necessary for the officer appointed to have a motor-car, for which travelling expenses will be allowed on the County scale.

W. F. HERBERT, Education Secretary.

Shire Hall, Reading. October 28th, 1940.

Chesterfield and North Derbyshire
ROYAL HOSPITAL.
(220 Surgical and Medical Beds.)

HOUSE SURGEON to OPHTHALMIC and EAR, NOSE, AND THROAT DEPARTMENTS.
(A Appointment.)

Applications are invited from fully qualified Men for the above post.

The appointment is for six months, to commence as soon as possible.

Salary at the rate of £150 per annum, with board, apartments, and laundry.

Applications, stating age and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, Superintendent and Secretary.

9th October, 1940.

Manchester Ear Hospital,
Grosvenor-square, ALL SAINTS'. (30 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the appointment of RESIDENT HOUSE SURGEON (A) at once. Salary at the rate of £120 per annum, with full residential emoluments. In the case of R Practitioners, appointment will be for a period of six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to MR. REGINALD S. MILFORD, Hon. Secretary, Manchester Ear Hospital, c/o Mr. W. J. Ellam, 17, Brazennose-street, Manchester, 2.

Royal Sussex County Hospital, Brighton.
(380 Beds.)

APPOINTMENT FOR A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Surgeon (A), to become vacant about 15th November, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible.

York County Hospital.

ASSISTANT PATHOLOGIST required in the near future. Terms, etc., to be arranged.

Applications to be addressed to the Secretary, York County Hospital.

North Staffordshire Royal Infirmary,
STOKE-ON-TRENT.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the post of ORTHOPÆDIC HOUSE SURGEON (B2) vacant 15th November, 1940. Previous orthopædic experience is desirable for this post, which is tenable for six months. The Orthopædic Department serves one of the largest fracture clinics in the country and offers exceptional experience.

Salary is at the rate of £150–£200 per annum, according to experience, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

25th October, 1940.

City of Hereford.
TEMPORARY DEPUTY MEDICAL OFFICER OF HEALTH.

Applications for the above appointment, which will last until the 28th February, 1941, and thereafter subject to one month's notice, are invited. Gentlemen applying hold the Diploma of Public Health. The salary is at the rate of £600 per annum, and further particulars can be obtained on application to the undersigned.

The last date for applications 20th November, 1940.

Canvassing disqualifies.

T. B. FELTHAM, Town Clerk.

Hereford.

Worcestershire County Council.

BARNSLEY HALL EMERGENCY HOSPITAL.

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners (Male) for the appointments of House Physician (A) and House Surgeon (A), including R Practitioners within three months of qualification. The appointment will be tenable for a period of six months. Salary £200 per annum, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Superintendent, Barnsley Hall Emergency Hospital, Bromsgrove, Worcestershire.

Borough of Rowley Regis.

APPOINTMENT OF DEPUTY MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER (FEMALE).

Applications are invited from fully qualified Medical Women for the post of Deputy Medical Officer of Health and Assistant School Medical Officer.

Salary will be £600 per annum, rising by annual increments of £50 to £700, subject to a deduction under the Local Government Officers Superannuation Act.

Applications, stating age, qualifications, and experience, together with copies of not more than three recent testimonials, should be forwarded in envelope endorsed "Deputy M.O.H." to reach the undersigned not later than November 21st, 1940.

FRANK ASKER, Medical Officer of Health.

Municipal Buildings, Old Hill, Staffs.

Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, Medical School and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 29th October, 1940.

Lincoln County Hospital.

The Board of Management invites applications for the office of HONORARY X-RAY MEDICAL OFFICER.

Particulars as to qualifications, &c., may be obtained from the undersigned. The appointment is for the duration of the war and for 12 months afterwards.

The question of a retaining fee for this appointment is under consideration by the Board of Management.

Canvassing is strictly prohibited.

Applications for the appointment, giving particulars of the career of the candidates and accompanied by three testimonials, must be made to me on or before Saturday, 7th December, 1940.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, October, 1940.

Kent Education Committee.

SCHOOL MEDICAL SERVICE.

APPOINTMENT OF WHOLE-TIME ASSISTANT SCHOOL MEDICAL OFFICER (OPHTHALMIC).

The Kent Education Committee invite applications for the post of Assistant School Medical Officer (Ophthalmic). Diploma in Ophthalmology would be considered an advantage.

The salary offered is £700 per annum, plus travelling expenses.

The appointment is superannuable and will be terminable by three months' notice on either side. The successful candidate will be required to pass a medical examination as to physical fitness.

Applications, stating age, full qualifications, and experience, accompanied by copies of three testimonials, should reach the undersigned not later than 23rd November, 1940.

No official form of application will be issued, and canvassing will be considered a disqualification.

CONSTANT PONDER, M.D., School Medical Officer.

County Hall, Maidstone.

Royal Victoria Infirmary, Newcastle

UPON TYNE.

Applications are invited for the post of HOUSE GOVERNOR to the Royal Victoria Infirmary, Newcastle upon Tyne. The Infirmary is a Teaching Hospital of 835 Beds and has plans for extension to become the main unit of a Hospital Centre. The post is that of Chief Administrative Officer and is open to medical and lay applicants, who must possess a thorough knowledge of modern hospital organisation and management. Salary £1000–£1500 per annum, according to experience and qualifications.

Particulars and conditions of appointment, with form of application, can be obtained on written application to—

The House Governor and Secretary,
Royal Victoria Infirmary,
Queen Victoria-road, Newcastle upon Tyne.

1st November, 1940.

The Prince of Wales's Hospital,

Greenbank-road, PLYMOUTH.
(Formerly the South Devon and East Cornwall Hospital.)

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) to become vacant on 20th December.

Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £252 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 29th November.

Applications are also invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £132 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 20th November.

ARTHUR R. CASH, General Superintendent.

4th November, 1940.

Southern Rhodesia Medical Service.

GOVERNMENT MEDICAL OFFICER.

Applications are invited from fully qualified, unmarried, Male Medical Practitioners, with surgical experience, for appointment as Government Medical Officer in the Southern Rhodesia Medical Service.

Salary will be on the scale £600–£25–£750 per annum. There is also a senior grade (£750–£25–£900) to which promotions are made as vacancies occur. Salary will commence from the date of assumption of duty in Southern Rhodesia. In addition, private practice is allowed.

The successful applicants will be required to sign an agreement for three years' service in the first instance, and thereafter may make application to be placed on the pensionable establishment.

A free second-class steamship passage to Cape Town and first-class railway ticket thence to Southern Rhodesia will be provided.

Canvassing, either directly or indirectly, will disqualify applicants.

The applicants should state the date on which they would be prepared to leave England if appointed.

Applications, stating age, qualifications, and experience, together with copies of testimonials, should reach the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom further particulars and application form may be obtained), not later than 20th November, 1940.

City of Liverpool.

FAZAKERLEY ISOLATION HOSPITALS.

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male or Female), including R Practitioners who now hold A posts, for the appointment of Resident Assistant Medical Officer (B2) at Fazakerley Isolation Hospitals.

If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £250 per annum, with full residential allowances. All fees received in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer" and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 18th November, 1940.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
November, 1940.

Taunton and Somerset Hospital.

Lady HOUSE PHYSICIAN required end of November. A appointment. Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, with copies of testimonials, to F. J. J. STACEY, Secretary, Taunton.

Swansea General and Eye Hospital.

Applications are invited from registered Medical Practitioners, Male, for the appointment of HOUSE PHYSICIAN (A) to become vacant on or about the 24th November, including R Practitioners within three months of qualification. Appointment for six months.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be forwarded to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

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Emergency Hospital Scheme.

HORTHAM EMERGENCY HOSPITAL, Near BRISTOL.

APPOINTMENT OF JUNIOR MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male, for the above appointment. The salary is at the rate of £200 per annum, with free board and residence, or an allowance at the rate of £100 per annum in lieu of these emoluments if living in billets.

Appointment will be temporary, subject to one month's notice on either side. R Practitioners within three months of qualification may apply, when the appointment will be for a period of six months.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, Horham Colony, Almondsbury, near Bristol, not later than November 23rd.

The appointment will be subject to the terms relating to the Emergency Hospital Scheme laid down by the Ministry of Health, and Corporation's conditions of service will not apply to the position.

City of Stoke-on-Trent Education

COMMITTEE.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from fully qualified and registered Medical Practitioners for the post of Temporary Assistant School Medical Officer.

Salary scale: £500 to £700 per annum by annual increments of £25 subject to satisfactory service. A car allowance is made.

The successful candidate will be required to devote the whole of his (her) time to the duties of the office, and work under the immediate direction of the Senior School Medical Officer. The duties will consist of routine Medical Inspection and School Clinic work. The appointment is subject to one month's notice on either side and to the Local Government Superannuation Act, 1937.

Canvassing will be considered a disqualification.

Forms of application may be obtained from the undersigned on receipt of a stamped, addressed, foolscap envelope, and completed forms should be submitted not later than 16th November, 1940. Envelopes should be endorsed "Appointment of Temp. Asst. S.M.O."

J. F. CARR, Director of Education.

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Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE SURGEON to the EAR, NOSE, AND THROAT DEPARTMENT (B2), to become vacant on the 1st December, 1940, including R Practitioners who now hold A posts. The appointment will be for six months. The salary is at the rate of £160 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, previous experience, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Tuesday, 19th November, 1940.

A. G. E. SANCTUARY, Administrator.

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the appointment of CLINICAL ASSISTANT (A) in large Private Mental Hospital (London area). If held by R Practitioner, appointment will be for a period of six months. Remuneration £100 per annum, with full residential emoluments. Good opportunities for private study.—Address, No. 744, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

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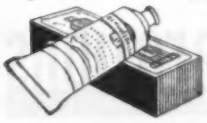

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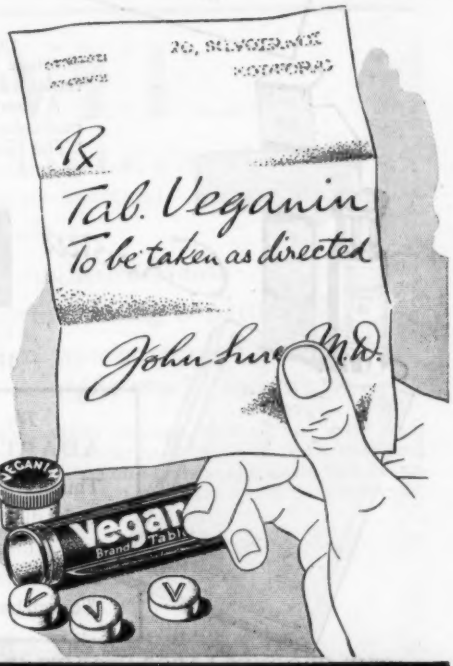

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The rationing of important foodstuffs has tended to reduce the vitamin content of the normal diet and there is an urgent need for unrestricted sources of supply

One of the richest available sources of the essential vitamins A and D is Crookes' Halibut Oil—80 times richer in vitamin A and 30 times richer in vitamin D than B.P. cod liver oil. There is no shortage of supplies of Crookes' Halibut Oil and prices have remained unaltered in spite of increased costs.

A comprehensive survey of the value of fish liver oils, with particular reference to halibut oil, is contained in our booklet, "The High Potency Oil in Nutrition," and we shall be pleased to send a copy to any doctor on request.

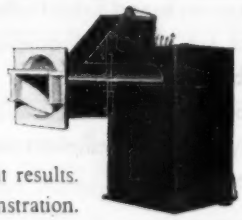
Crookes' Halibut Oil

One of the richest Sources of Vitamins A and D

STANDARDISED AND GUARANTEED VITAMIN CONTENT

The Crookes' **DARK ADAPTATION TESTER**

This instrument, of great importance in the diagnosis of vitamin A deficiency, is the most advanced of its kind, and has obtained accurate and consistent results. We shall be glad to give any doctor a demonstration.



THE CROOKES LABORATORIES *(British Colloids Ltd)* PARK ROYAL, LONDON, N.W.10

Telephone: Willesden 6313 (5 lines) *Telegrams: Collosols, Harles, London*

★ PROSTATIC HYPERTROPHY

In this condition the adequate administration of this Company's preparations of the prostate gland, either desiccated in capsules ("Opocaps") for oral administration, or in solution in ampoules ("Opojex") for hypodermic injection, continues to give excellent results.

Extract from Letter.

"I have been treating certain cases of prostatic enlargement for some time with 'Opocaps' Prostatic with considerable success. I have also derived great benefit myself."

M.D.

℞ **"OPOCAPS" (No. 21) PROSTATIC (B.O.C.) gr. 3** (Oral)

Mitte - sig. 1 t.d.s., a.c. Supplied in boxes of 50 or 100 capsules.

℞ **"OPOJEX" (No. 73) PROSTATIC (B.O.C.)** (for injection)

Mitte - sig. 1 in die (or dieb. alt. when given concurrently with "Opocaps"). Supplied in boxes of 6 or 12 ampoules 2 c.c.

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Telephone: Gerrard 7111 Telegrams: "Lymphoid, London"

Agents in India: SMITH, STANISTREET & CO., LTD., CALCUTTA

CAROVIT Brand

CHLOROPHYLL TABLETS

(a chlorophyll-beta carotene combination)

EYE STRAIN from the "black-out," and night-blindness

NERVOUS STRAIN from abnormal living conditions

BODILY STRAIN from unaccustomed work, night work, overwork . . .

These are the three most frequent complaints in modern medical practice, and all can arise from vitamin A deficiency. A supplementary daily ration of vitamin A or pro-vitamin A (beta carotene) therefore helps the sufferer to cope with the increased strain of living and to adapt himself to unwelcome changes. Night vision in particular is improved and progressively a better general condition is achieved.

Now available in tins of 80, 250 and 1000 tablets.

Samples and literature on request.

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URINARY ANTISEPTIC

Pyridium has been aptly described as an "irreplaceable agent" in the treatment of genito-urinary infections. It is established beyond dispute as a safe and effective remedy. The chief advantages of Pyridium therapy include: Prompt relief of distressing symptoms; effectiveness in either acid or alkaline urine; convenience of administration in tablet form; no special diet required; elimination by the urinary tract, without irritation or toxicity, in therapeutic dosage.

Two Pyridium Tablets taken at the first sign of urgency, pressure spasm, burning, or other symptoms of irritation of the urinary tract, will often bring relief in 10 to 30 minutes.

Indicated in cystitis, pyelonephritis, prostatitis and other infections of the genito-urinary tract.

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BIOLOGICAL THERAPY

★ ANTIPEOL OINTMENT

contains sterile vaccine filtrates (antivirus) of all the common strains of **STAPHYLOCOCCI, STREPTOCOCCI** and **B. PYOCYANEUS** in a lanoline-zinc-ichthyol base

STOPS SEPTIC DEVELOPMENT WHILST HEALING

SPECIFIC AGAINST the micro-organisms causing abscesses, boils, eczema, dermatitis, erysipelas, hæmorrhoids, impetigo, ulcers and all inflammatory cutaneous affections. **ANTIPEOL LIQUID** for infections of the ear, septic cavities and suppurating wounds

★ OPHTHALMO-ANTIPEOL

contains, in a semi-fluid base, the sterile vaccine filtrates of **STAPHYLOCOCCI, STREPTOCOCCI, B. PYOCYANEUS, PNEUMOCOCCI FRAENKEL AND GONOCOCCI**

INDICATIONS: Conjunctivitis, blepharitis, keratitis, dacriocystitis, and all inflammatory conditions and lesions of the eye

★ RHINO-ANTIPEOL

a nasal immunising cream, contains Antipeol Liquid as well as the antivirus and autolysins of **PNEUMOCOCCI, PNEUMO-BACILLI, ENTEROCOCCI, M. CATARRHALIS, B. PFEIFFER,** and calmative and decongestive ingredients

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★ ENTEROFAGOS (ORAL)

polyvalent bacteriophages specific against 132 strains of micro-organisms common to infections of the gastro-intestinal tract, kidneys and bladder. **RAPIDLY EFFECTIVE RESULTS** in enteritis, dysentery, colitis, diarrhœas, B. coli infections, typhoid and para-typhoid fevers, and other intestinal and para-intestinal infections. Oral administration. No reactions. No shock

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vagoto—polyhormonic hypotensor ensures gentle and regular reduction of arterial tension

INDICATIONS: High blood pressure, arthritis, arteriosclerosis, palpitation, ocular and auditory troubles of hypertension. No contra-indications

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Peptic Ulceration and Hyperacidity

NOVASORB

(Brand of Magnesium Trisilicate)

is of proven value

NOVASORB possesses distinct advantages over the common alkaline powders. Its action is more prolonged, there is no formation of gas in the stomach, neither is there any risk of alkalosis resulting from its administration.

NOVASORB does not interfere with peristaltic function beyond exerting a slight laxative effect in certain cases.

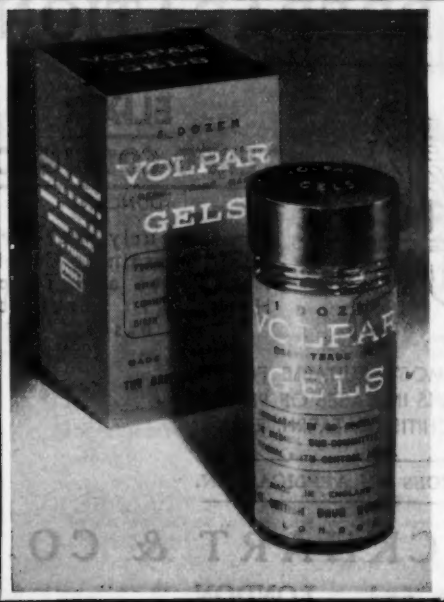
Issued as follows :

Powder—Bottles of : 2-oz. 1/9, 4-oz. 2/9, 8-oz. 5/-, 16-oz. 9/-, 5-lb. 36/- each bottle
Tablets of 20 grains—Tins of : 20 1/6, 48 2/3, 250 9/6 each tin

Samples will be sent on application to Home Medical Dept., Hanover St., Liverpool

Made in England by

Evans Sons Lescher & Webb Ltd.
Liverpool and London



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for VOLuntary PARenthood

Volpar is the only contraceptive which is the direct outcome of ten years of continuous research in a University Laboratory. During the second period of five years covered by this research there was complete co-operation between medical men, physiologists, pharmacologists, bacteriologists, chemists, pharmacists and other trained scientific workers who constitute the technical staff of a highly organised industrial laboratory.

Volpar contains the most spermicidal non-toxic substance known.

Issued in two forms :—

VOLPAR GELS — in screw-capped glass tubes containing 1 dozen gels, 2s. 0d.

VOLPAR PASTE — in collapsible tubes containing sufficient for about 20 applications, 2s. 0d.

A full size specimen packing will be sent to any physician on request

THE BRITISH DRUG HOUSES LTD.
LONDON N.1

SULPHANILAMIDE POWDER—BOOTS

for local application in the control of

WOUND INFECTIONS

Recent articles in the medical press have emphasized the value of the local application of Sulphanilamide Powder for checking the bacterial growth in wounds.

★ Extract from Brit. J. Surgery, 1940, 28, 124:

"There is now considerable evidence to show that packing of a recent wound with 5 to 15 gm. of Sulphanilamide Powder holds up, and may indeed eliminate, any implanted infection. Where there is a definite wound local application should, therefore, be made in addition to the oral course."

SULPHANILAMIDE POWDER—BOOTS is supplied in cartons of

10 packets of 15 gm. - - 7/6

Obtainable through all Branches of

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Discount to the Medical profession.

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SEASONABLE PREPARATIONS

ELIXIR RIBES NIG. CO.

(DUNCAN)

A combination of Codeina Ipecac., Menthol, etc., flavoured with Syrup Ribes Nig., which is prepared from the finest fresh fruit.

Duncan

ELIXIR TERPO-CODEIN. CO.

(DUNCAN)

A pleasantly flavoured elixir, containing Codeina Phosphate and Terpin Hydrate in a suitable base.

THESE ELIXIRS ARE MOST SUITABLE FOR THE TREATMENT OF COUGHS IN CASES OF PHTHISIS, CHRONIC BRONCHITIS, CATARRH, ETC.

SAMPLES AND PRICES ON APPLICATION.

DUNCAN FLOCKHART & CO.

EDINBURGH and LONDON

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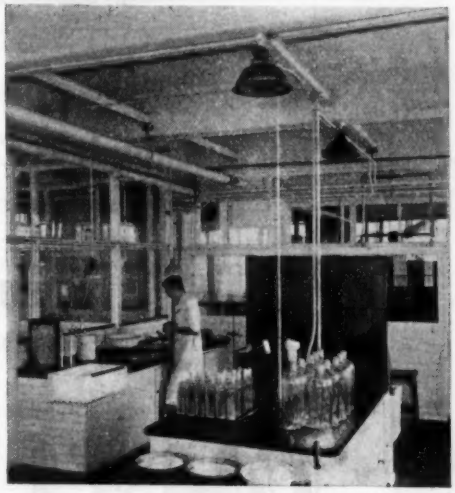
"Typhoid Fever and the Civil Population"



Recent correspondence in the medical press (*Brit. Med. Journ.*, October 12th, 1940, p. 503) has emphasised the fact that '. . . the possibility of epidemics of the typhoid group of fevers has been for some time in the minds of many.'

Protection of individual patients against organisms of the typhoid-paratyphoid group will materially reduce the danger, not only to themselves but to the community at large.

For this purpose T.A.B. Vaccine B.D.H., prepared in the bacteriological laboratories of The British Drug Houses Ltd., is conveniently employed. Two injections each of 1 c.c. are given at an interval of approximately one week.

T.A.B. VACCINE B.D.H.

(*Antityphoid-paratyphoid*)

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The Control of Nervous Disorders

The present harassing conditions and the added strain of new responsibilities must inevitably lead to an increase in minor disorders of the Central Nervous System, characterised by anxiety, hysteria, and restlessness. No one will deny that whilst psychical causes of the condition need investigation, a palliative approach with suitable sedatives and soporifics is an essential adjunct in treatment.

Elixir Bromo-Valerian (Evans)

combines the full therapeutic activity of bromides, chloral hydrate and valerian in a preparation from which the disagreeable properties of the ingredients have been eliminated.

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4-fld. oz.	8-fld. oz.	16-fld. oz.	40-fld. oz.	80-fld. oz.
2/9	5/-	9/-	19/6	37/- each

Samples and technical literature will be sent on application to Medical Dept., 56, Hanover Street, Liverpool

Made in England by

Evans Sons Lescher & Webb Ltd.

Liverpool and London

The
Pharmacological Chlorophyll Preparation

compounded according to the formula and under the direction of

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Professor of Medicine at the University of Berne

'PHYLLOSAN'

BRAND OF CHLOROPHYLL TABLETS

For the treatment of
Hardening Arteries, Abnormal Blood Pressure
Cardiac Weakness, Physical Decline
Debility, Neurasthenia, Anaemia

"'Phyllosan' has been before the profession now for fifteen years and has stood the test of time, and the developments indicated point to still greater usefulness for this product in the future."

Vide THE PRESCRIBER, Jan., 1938

A Pamphlet entitled
"Hyperpiesia, Metabolic Disorders, and the Anaemias"
giving laboratory and clinical reports supporting the new Therapy instituted by Professor Buergi will be sent to medical practitioners on request.

NATURAL CHEMICALS LTD., ST. HELENS, LANCASHIRE

B.D.H. Preparations of the Vitamin B Complex

VITAMIN B_1

NICOTINIC ACID LACTOFLAVINE

In hypovitaminosis-'B' there is normally a deficiency of more than one of the factors of the Vitamin B complex, although deficiency of one particular factor usually predominates. The minor deficiencies can usually be corrected by means of dietary adjustments, but treatment of the principal deficiency with the specific factor concerned is advisable.

The three principal factors in the Vitamin B complex are available separately in the B.D.H. series — Vitamin B_1, Nicotinic Acid and Lactoflavine.

The use of Vitamin B_1 B.D.H. is now a routine in neuritic conditions. Nicotinic Acid B.D.H. is of value in various sub-pellagrous conditions, manifested by dermatoses and nervous abnormalities, and for the treatment of toxic reactions to sulphanilamide and related substances. Lactoflavine B.D.H. is prescribed in certain skin and nerve derangements, and for overcoming disturbances of fat metabolism.

Literature on any or all of these products is available on request

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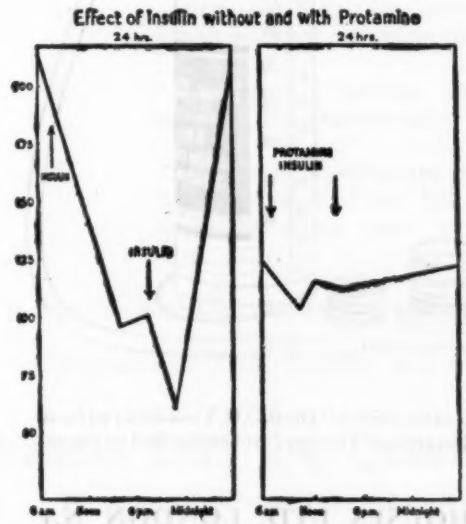
Telephone: Clerkenwell 3000 Telegrams: Tetradome Telex London

VitBCom/E/414

'A.B.' PROTAMINE INSULIN

BRAND

(with zinc) SUSPENSION



The absorption of insulin injected in the form of 'A.B.' Brand Protamine Insulin (with Zinc) Suspension is much prolonged and closely resembles the natural secretion of the pancreatic islets. This insulin has a steady action and exerts a better control than that of ordinary insulin over the carbohydrate metabolism. The number of injections can be reduced, a lower total dosage is usually necessary, and the subjective symptoms of diabetes markedly improve.

40 units per c.cm.
5 c.cm. (200 units) 2/4
10 c.cm. (400 units) 4/6

80 units per c.cm.
5 c.cm. (400 units) 4/6

INSULIN 'A.B.' was the first British insulin offered commercially to the medical profession, and has a world-wide reputation for its strictly safeguarded sterility, its carefully standardised strength, its freedom from toxic reactions and its stability in hot climates.

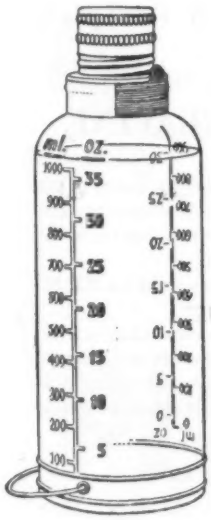
Joint Licensees and Manufacturers:

ALLEN & HANBURYS LTD.

THE BRITISH DRUG HOUSES LTD.

Vena-flasks

for Intravenous Infusions and Blood Transfusions

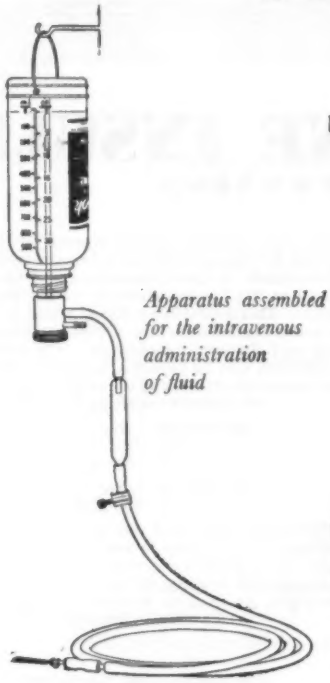


Sealed Vena-flask

The British Drug Houses Ltd. have pleasure in announcing the introduction of B.D.H. Intravenous Solutions in Vena-flasks.

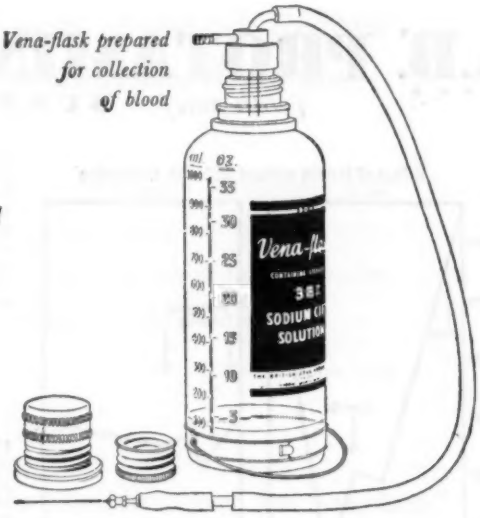
The Vena-flask and accessories have been scientifically designed to give the utmost ease and simplicity in use. The triple sealing prevents any possibility of contamination.

Intravenous Solutions in Vena-flasks are prepared with pyrogen-free distilled water and chemical substances of the highest degree of purity. Samples from every batch are tested for sterility and for suitability for intravenous use before issue.



Apparatus assembled for the intravenous administration of fluid

Vena-flask prepared for collection of blood



A booklet entitled "The B.D.H. Vena-flask and its use in Intravenous Therapy" will be supplied on request.

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V1/E/1

Mouth and Throat Therapy.

AS A PROPHYLACTIC MEASURE IN EPIDEMICS, AND FOR USE IN THE TREATMENT OF SEPTIC CONDITIONS OF THE MOUTH AND THROAT, THE VALUE OF A SUITABLE LOCAL APPLICATION IS FIRMLY ESTABLISHED.

EXHAUSTIVE BACTERIOLOGICAL TESTS AND CLINICAL TRIALS CARRIED OUT OVER A NUMBER OF YEARS DEMONSTRATE THAT "FORMITROL" PASTILLES MEET THE DESIRED NEED IN A SATISFACTORY MANNER.

"FORMITROL"

BRAND

Formalin Pastilles.

THE FOLLOWING ARE A FEW OF THE CHIEF ADVANTAGES THEY POSSESS :—

1. "Formitrol" Pastilles dissolve slowly and uniformly in the mouth ; this ensures prolonged and continuous effect of the active ingredient—Nascent Formaldehyde.

2. "Formitrol" Pastilles exercise a marked bactericidal action without irritating the mucous membrane.

3. "Formitrol" Pastilles bear surface grooves, which permit the administration of small doses to children.

4. "Formitrol" Pastilles are metallic sheathed; evaporation is thus prevented and full activity of the products can always be relied upon.

Issued in neat containers for the pocket, and supplied by all Pharmacists at 1/6 per Box.

A Physician's Trial Sample will be sent Free on Application.

A. Wander Ltd., 184, Queen's Gate, London, S.W.7.

Works: King's Langley, Hertfordshire.

M.139

The Original and Standard Emulsion of Petroleum

'Angiers' Emulsion

is made with petroleum specially purified for internal use. It is the original petroleum emulsion—the result of many years of careful research and experiment.

Bronchitis, Sub-Acute and Chronic

There is a vast amount of evidence of the most positive character proving the efficacy of 'Angiers' in sub-acute and chronic bronchitis. It not only relieves the cough, facilitates expectoration and allays inflammation, but it likewise improves nutrition and effectually overcomes the constitutional debility so frequently associated with these cases. Bronchial patients are nearly always pleased with this emulsion, and often comment upon its soothing "comforting" effects.

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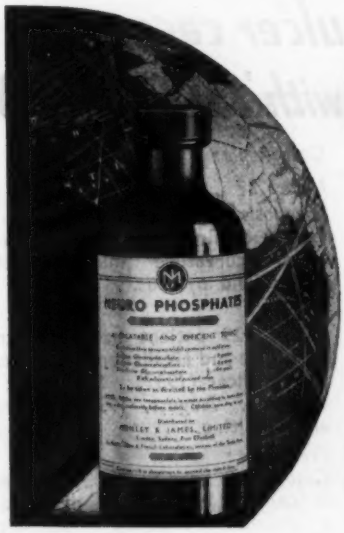
The administration of 'Angiers' during and after Pneumonia and Pleurisy is strongly recommended by the best authorities for relieving the cough, pulmonary distress, and difficult expectoration. After the attack, when the patient's nutrition and vitality are at the lowest ebb, 'Angiers' is specially indicated because of its reinforcing influence upon the normal processes of digestion, assimilation and nutrition.

In Gastro-Intestinal Disorders

of a catarrhal, ulcerative, or tubercular nature, this emulsion is particularly useful. The minutely divided globules of petroleum reach the intestines unchanged, and mingle freely with intestinal contents. Fermentation is inhibited, irritation and inflammation of the intestinal mucosa rapidly reduced, and elimination of toxic material greatly facilitated.

THE ANGIER CHEMICAL COMPANY, LIMITED
86, CLERKENWELL ROAD, LONDON, E.C.1.

ANGIERS
BRAND EMULSION



The Ideal Reconstructive Tonic

Neuro Phosphates has long proved its worth in convalescence following illness or operation. It has a world-wide reputation as a tonic for combating nervous exhaustion, lowered vitality, and general debility resulting from prolonged physical or mental strain.

NEURO PHOSPHATES

(ESKAY BRAND)

Each adult dose (two teaspoonfuls) contains in acid state:
Sodium Glycerophosphate .....2 grs.
Calcium Glycerophosphate.....2 grs.
Strychnine Glycerophosphate.....$\frac{1}{32}$ gr.

Physicians are invited to write for samples so that they may renew their acquaintance with this quick-acting, palatable, and efficient tonic

for the

Head-Cold Patient who won't go to Bed

Every practitioner has them—patients with colds who refuse to go to bed.

This reluctance to stop work, however understandable, involves personal discomfort. The prescribing of 'Benzedrine' Brand Inhaler affords your patient marked symptomatic relief and helps to prevent the onset of more serious complications.

Better still—the use of 'Benzedrine' Brand Inhaler at the first sign of a cold will often abort the condition entirely and so solve the problem of "work or bed."

'BENZEDRINE' BRAND INHALER

Samples on request

IN AIR-RAID SHELTERS
The use of 'Benzedrine' Brand Inhaler minimizes the discomfort of having to breathe in stuffy atmospheres

MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

Chronic gastric ulcer case— successfully treated with 'ALUDROX'

Case Report

Male : 37

Diagnosis :
(X-ray confirmation) "Large ulcer on lesser curvature midway between fundus and pylorus."

History :
From 1929 patient had been treated with diet and alkalis for indigestion and gastric ulcer (1937). Spasmodic relief obtained. August, 1938 : Severe pain and vomiting.

Treatment :
Case hospitalized on 3rd September, and in conjunction with a modified diet 1 drachm 'Aludrox' administered 5 times a day with an extra dose for the night if required.

Result :
X-ray—14.9.38 : Ulcer crater barely perceptible. 8.10.38 : No sign of ulcer.

Follow-up :
August, 1939 : No recurrence.

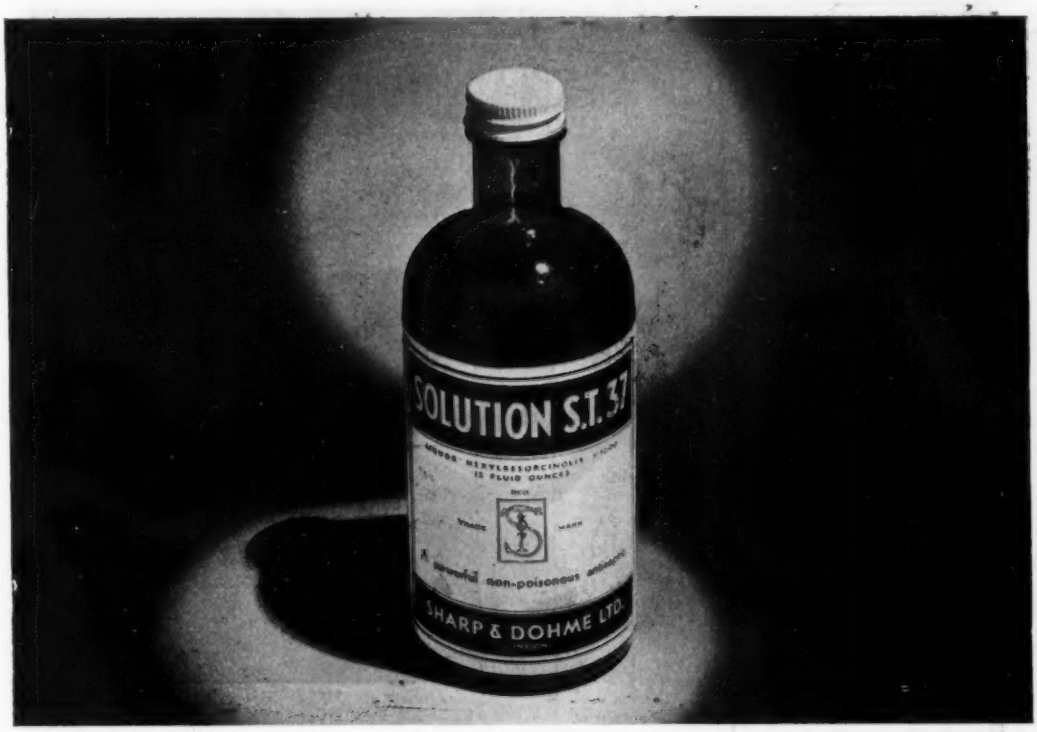
A SAFER ANTACID

'Aludrox' is a powerful neutralizing agent which cannot produce alkalosis or secondary hypersecretion. Clinical observations confirm this statement and suggest that 'Aludrox' may usefully supersede alkaline mixtures in peptic ulcer therapy. The action of 'Aludrox' commences immediately after ingestion and relief from pain is particularly rapid. Continued slower neutralization thereafter maintains the acidity of the gastric contents within a pH of 3·5 to 4·2, which satisfactorily protects the ulcer crater against irritation by strong acid but permits gastric function to continue.

Samples on request

'ALUDROX'
BRAND REGD.
Amphoteric gel

JOHN WYETH & BROTHER LTD., 25, OLDHILL PLACE, LONDON, N.16



A general antiseptic for the use of the physician requires careful selection in order to meet his many requirements in the surgery, home and hospital. The antiseptic should be capable not only of demonstrable germicidal action in the test tube, but it should be equally effective against the various types of organisms encountered in infections. It should be stable, non-toxic, non-irritating, odourless and stainless.

Solution S.T. 37 meets these requirements. It is therefore ideally suited as a general antiseptic for application to open wounds and mucous surfaces.

Its clinical applications are many; for irrigation of the kidney pelvis, bladder, vagina and colon; for topical application to the cervix, vagina and external genitalia: as a wet dressing for pyogenic infections after establishing free drainage; as wet dressings in the treatment of cuts, abrasions, burns, scalds and other open wounds; in the treatment of inflamed, irritated or infected conditions of the ear, nose and throat by topical application, spray or irrigation.

Solution S.T.37 is supplied in three-ounce, five-ounce and twelve-ounce bottles.

SHARP & DOHME
LIMITED

HODDESDON HERTS.

TRADE MARK **'MERTHIOLATE'** BRAND

SODIUM ETHYL MERCURI THIOSALICYLATE

'MERTHIOLATE' brand sodium ethyl mercuri thiosalicylate engenders a feeling of security and meticulous discharge of responsibility in the discriminating surgeon as he closes the abdomen or prepares to dress the operative wound in those cases where this antiseptic has been employed.

TINCTURE 'MERTHIOLATE' is an alcohol-acetone-aqueous solution, 1:1,000. Recommended as an effective antiseptic on the intact skin.

SOLUTION 'MERTHIOLATE' is an isotonic aqueous dilution, 1:1,000, which may be used on the most delicate tissues.

Both Tincture 'Merthiolate,' 1:1,000, and Solution 'Merthiolate,' 1:1,000, are available in four-ounce, one-pint, and one-hundred-twenty-eight-ounce bottles.

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE and LONDON

The SAFE OESTROGENS
that will
NOT
make your
menopausal patient
SICK
but
WILL
relieve
her symptoms

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DIMENFORMON
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In the Relief of Asthma

By Inhalation

ADRENALIN 1-100

(For Immediate Effect)

Oral inhalation of 1 per cent. Adrenalin Chloride Solution gives prompt relief in asthmatic attacks. Results suggest that in many instances the physiological effect of Adrenalin is exerted by this method even more rapidly than by hypodermic injection. Moreover, the discomfort and inconvenience of injections are avoided and side-effects are rare.

Nebulization of the solution must be effected by an all-glass atomizer (such as the 'Glaseptic' Nebulizer) with a throat piece attachment, so that an even, vapour-like spray free from droplets is obtained. A booklet giving full details is available on request.

Supplied in 5 c.c. vials

ADRENALIN IN OIL

(For Prolonged Effect)

With this product it is possible to prolong the typical Adrenalin effect for from 9 to 16 hours. An injection at bedtime often affords the asthmatic patient an undisturbed night's sleep. Each c.c. contains 2 mgm. of Adrenalin in a vegetable oil which ensures the slow and sustained absorption of the active principle.

Adrenalin in Oil probably finds its widest use in chronic bronchial asthma in which it obviates the need of an injection every few hours. Many patients will not require more than a 1 c.c. dose every 8 to 12 hours. A booklet with full particulars will be sent on request.

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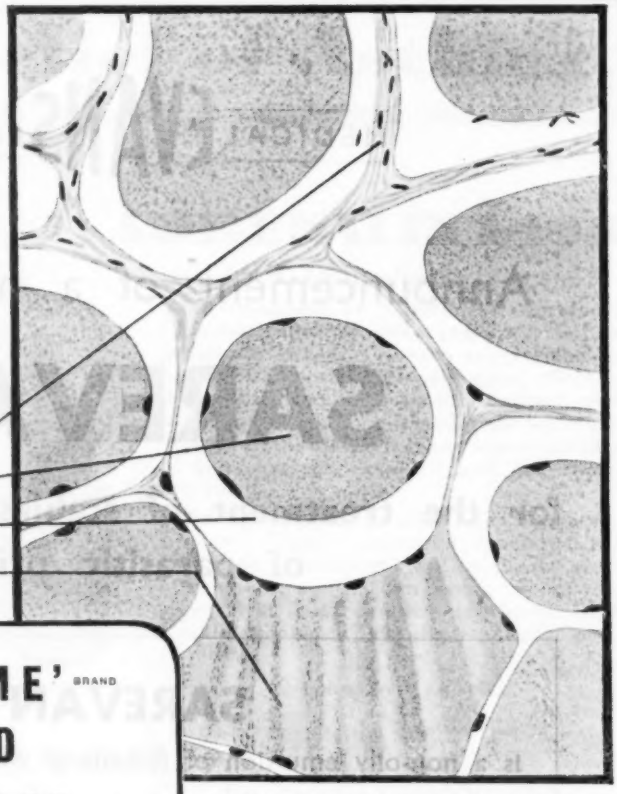

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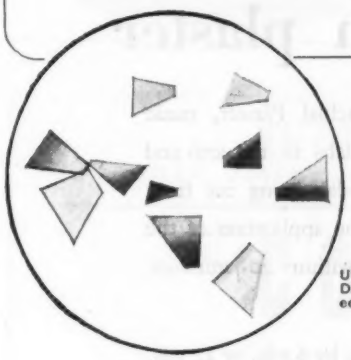

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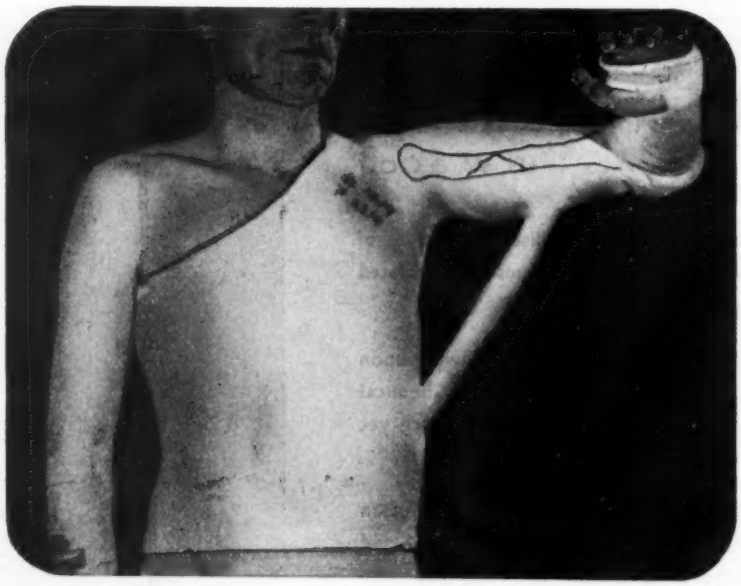

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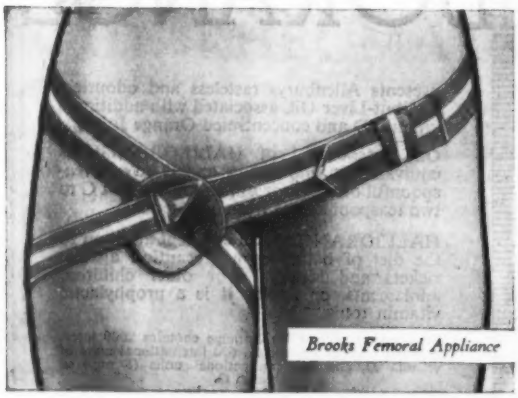

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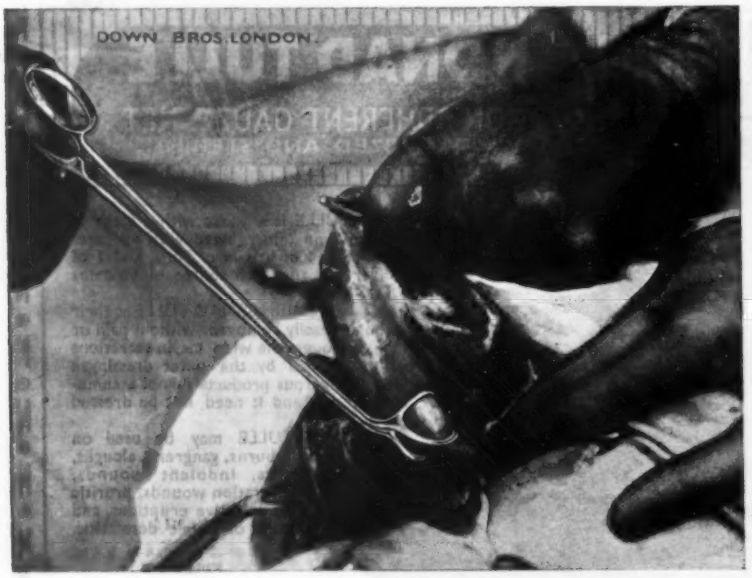

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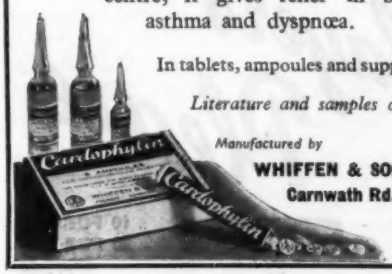

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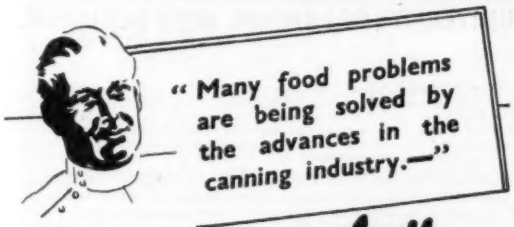

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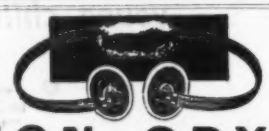

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Church Stretton, Shropshire.
ESTABLISHED IN 1853.
A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to:—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone: York 3612)
who is available for consultation

PECKHAM HOUSE, 112, Peckham Road, London, S.E.15
Telegrams: "Alleviated, London" Telephone: Rodney 2641-2642

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.
Terms from 3½ guineas weekly.
Illustrated Prospectus may be obtained from the Physician Superintendent.

HAYDOCK LODGE,
NEWTON-LE-WILLOWS, LANCASHIRE.
For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tels. Address:* Street, Ashton-in-Makerfield.

NORTHUMBERLAND HOUSE

GREEN LANES,

FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.

Telephone: Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."

For further particulars apply to the MEDICAL SUPERINTENDENT.

TOR-NA-DEE SANATORIUM

Managing Director: DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent: R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone: Cults 107

CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. Tel. Dumfries 1119

SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No. 8 Formby.*

CALDECOTE HALL

NUNEATON

WARWICKSHIRE

('Phone: Nuneaton 241)

Residential treatment of

"Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

HOLLOWAY SANATORIUM

VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—

The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS,

NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air. SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

Med. Supt.: GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £5 5s. per week upwards.
2nd Class (men and women) 32/- per week.

For further particulars apply: C. EDGAR GRISEWOOD, A.C.A.
Secretary, 20, Exchange Street East, Liverpool, 2

MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent.
Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK.

CITY OF LONDON MENTAL HOSPITAL

Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

For Mental Cases with or without Certificates.

Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT

PRIOR PLACE SANATORIUM

HEATHERSIDE, CAMBERLEY, SURREY

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.

RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—

Dr. ERNEST ROLLINS, Resident Physician.
Tel.: Amherst 1642.

FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

Dreadnought Seamen's Hospital,

Greenwich.

Applications are invited from registered Male Medical Practitioners for the appointment of SENIOR RESIDENT HOUSE OFFICER (B1), becoming vacant on 1st December. If held by an R Practitioner the application will be limited to six months. Salary not less than £200 per annum, with full residential emoluments. Suitably qualified R Practitioners holding B2 or B1 appointments invited to apply.

Applications, stating age, qualifications with dates, nationality, and present post, with copies of recent testimonials, should be sent immediately to the undersigned.

F. A. LYON, Secretary.

Seamen's Hospital, Greenwich, S.E.10.

St. John's Hospital, Lewisham, S.E.13.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment for six months of a HOUSE PHYSICIAN (A) to become vacant on December 1st next, including R Practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

J. C. GILBERT, Secretary-Superintendent.

Connaught Hospital, Walthamstow,

E.17. (118 Beds.)

Applications are invited from registered Medical Practitioners, Male, for the following appointments:—

HOUSE PHYSICIAN (A), vacant 1st February, 1941.
HOUSE SURGEON (A), vacant 1st January, 1941.
CASUALTY OFFICER (A), vacant 1st January, 1941.

R Practitioners within three months of qualification may apply, when the appointments will be for the period of six months. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

R. HALTON HARRISON, General Secretary.

National Temperance Hospital,

Hampstead-road, N.W.1.

Applications are invited for the post of CASUALTY OFFICER (including R Practitioners within three months of qualification) who will be required to act as House Surgeon under the E.M.S. (A post). Salary £140 per annum, and board, residence, and laundry. The appointment is for the period of six months as from 1st December.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by the 26th November, addressed to the Secretary.

Metropolitan Borough of Woolwich.

APPOINTMENT OF TWO ASSISTANT MEDICAL OFFICERS.

Applications are invited from registered Medical Practitioners for the appointment of Assistant Medical Officers in the Health Department.

The appointments are whole-time and the officers appointed will be required to carry out, under the supervision of the Medical Officer of Health, such duties under the Council's Maternity and Child Welfare Scheme and the Council's Tuberculosis Scheme as may be required from time to time by the Council. Applicants must be qualified in accordance with the provisions of the Local Government (Qualifications of Medical Officers and Health Visitors) Regulations, 1930.

The appointments, which will be during the pleasure of the Council, are subject to the approval of the London County Council, to the By-laws and Regulations of the Borough Council, to termination by one month's notice on either side, and to the provisions of the Local Government Superannuation Act, 1937. The successful candidates will be required to pass a medical examination.

The scale of salary will be £600 per annum, rising by annual increments of £25 to £700, but in fixing the commencing salary regard will be held to the previous experience of the applicants selected.

Applications, on a form to be obtained from the Medical Officer of Health, Town Hall, Woolwich, S.E.18, and accompanied by copies of not more than three recent testimonials, must be received by me not later than the first post on Saturday, 7th December, 1940, in envelope endorsed "Assistant Medical Officer."

Canvassing, either directly or indirectly, any member or officer of the Council will disqualify.

By order,

DAVID JENKINS, Town Clerk.

The Salvation Army,

THE MOTHERS' HOSPITAL,
Lower Clapton-road, Clapton, E.5.

Applications are invited from Medical Women for the post of JUNIOR RESIDENT MEDICAL OFFICER (B2), vacant December 1st, 1940. Salary £80 per annum, with board, residence, and laundry. The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than first post on Friday, November 15th, 1940.

FRED HAMMOND, Secretary.

Poplar Hospital, London, E.14.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the post of Male ASSISTANT RESIDENT MEDICAL OFFICER (B2). Salary at the rate of £166 per annum, all found. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of nine months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent immediately to the Secretary.

Chelsea Hospital for Women,

London, S.W.3.

Applications are invited from registered Medical Practitioners, including R practitioners who now hold A posts, for a HOUSE SURGEON (B2), vacant January 1st, 1941. If held by an R Practitioner, the appointment will be limited to six months, otherwise it may be extended to one year.

Applications are also invited for a House Surgeon (B1). Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. The appointment will be for a period of six months in the first instance from January 1st, 1941, but may be extended to one year.

Salary in each case at the rate of £200 per annum, together with board, residence and laundry.

Applications, giving full particulars, together with copies of three recent testimonials, must reach the undersigned not later than Wednesday, 20th November, 1940.

GEO. W. COOLING, Secretary.

Metropolitan Borough of Lambeth.

TEMPORARY APPOINTMENT OF TWO ASSISTANT MEDICAL OFFICERS OF HEALTH.

Applications are invited from registered Medical Practitioners holding a registrable diploma in sanitary science, public health, or state medicine, for two temporary appointments of Assistant Medical Officers of Health, at an inclusive salary of £600 a year, with a car allowance of £50 a year. The two officers appointed will be required to devote the whole of their time to the duties of the office under the direction of the Medical Officer of Health, which will consist of frequent and regular inspection by day and by night of the public shelters in the district and of such other medical services as the Civil Defence Emergency Committee may require of them.

The appointments are subject to one month's notice on either side and do not confer any rights under the Council's superannuation scheme.

Applications, together with copies of three testimonials, must reach the undersigned not later than Monday, the 18th November, with the envelope endorsed "Assistant Medical Officer of Health."

O. L. ROBERTS, Town Clerk and A.R.P. Controller.

Lambeth Town Hall, Brixton Hill, S.W.2.

The Hospital for Sick Children,

Great Ormond-street, London, W.C.1.

A vacancy for a HOUSE SURGEON (B2) will occur on the 9th December, 1940.

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners who hold A posts.

The appointment is tenable for six months, salary at the rate of £100 per annum, with full residential emoluments.

Further particulars and forms of application, which must be returned not later than the 2nd December, 1940, are obtainable from the undersigned.

HERBERT F. RUTHERFORD, Secretary.

November, 1940.

Borough of Hendon.

TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER (FEMALE).

The Council of the Borough of Hendon invite applications for the above appointment.

Applicants must be fully qualified Medical Practitioners and hold a Diploma in Public Health or an equivalent qualification.

The duties will be mainly in connexion with the Council's Maternity and Child Welfare and School Medical Services, but will include other duties under the direction of the Medical Officer of Health.

The salary is £600 per annum, rising by annual increments of £25 to a maximum of £750, with a car allowance of £50 per annum if the successful candidate provides a car for use in connexion with the duties.

The appointment will be of a temporary character and subject to the Council's regulations relating to temporary officers, but the person appointed will be considered for appointment in a permanent capacity after the war.

The successful candidate will be required to pass a medical examination.

Applications, on forms to be obtained from the undersigned, together with copies of not more than three recent testimonials, must be submitted to the undersigned not later than Wednesday, 4th December, 1940.

Canvassing, either directly or indirectly, or submitting a testimonial from any member of the Council, will be deemed a disqualification.

Dated this 8th day of November, 1940.

LEONARD WORDEN, Town Clerk.

Town Hall, Hendon, N.W.4.

The Royal Masonic Hospital'

Ravenscourt Park, W.6.

A post of RESIDENT SURGICAL OFFICER (B1) (Male), one of four Residents (two Medical and two Surgical Officers), will be vacant immediately. Another post, also B1, will be vacant on the 1st December, 1940. Salary at the rate of £250 per annum for each post, with board, residence, and laundry. The appointment in each case is for six months. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered, and must have held resident appointments at a General Hospital. The Institution is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary nursing home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the Honorary Secretaries, from whom further information may be obtained.

Resident Junior Assistant Medical

OFFICER (B2) required by MIDDLESEX COUNTY COUNCIL for NORTH MIDDLESEX COUNTY HOSPITAL, Silver-street, Edmonton, N.18.

Applications invited from registered Medical Practitioners, Male or Female, who have held residential appointments in General Hospitals and also from R Practitioners who now hold A posts. Salary £250 per annum, with board, lodging, and laundry. Whole-time medical and surgical duties under supervision of Medical Superintendent, subject to medical examination and one month's notice. Is primarily for six months, may be extended for further six months, but limited to six months if held by R Practitioner. Post now vacant.

Applications, stating age, qualifications with dates, nationality, present post, and previous appointment, to be made to the undersigned.

No application forms provided, relationship to any member or officer of the Council to be disclosed, copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 23rd November.

C. W. RADCLIFFE "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

London County Council.

Medical Practitioners required for undermentioned positions in Council's general and special hospitals. Married quarters not available.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class I) (B1). Salary £350–£25–£425. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Duties: (a) Medical, (b) Surgical.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class II) (B2). Salary £250. R Practitioners who hold A posts may apply. If held by an R Practitioner the appointment will be limited to six months. General duties.

All positions are with board, lodging, and washing.

Application forms obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division 2, County Hall, S.E.1, returnable by 2nd December, 1940.

Canvassing disqualifies.

City of Coventry.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER (M. AND C.W.).

The Public Health Committee invite applications from Women Medical Practitioners for the above temporary post. The duties will be in connexion with the Maternity and Child Welfare Scheme. Salary £500 per annum.

Applications, stating qualifications, age, and experience, should be addressed to the undersigned as soon as possible.

A. MASSEY, Medical Officer of Health.

The Council House, Coventry, 11th November, 1940.

University of Oxford.

NUFFIELD DEPARTMENT OF OBSTETRICS AND GYNÆCOLOGY.

Applications are invited for the post of ASSISTANT in the above department. The work is in the Radcliffe Hospital, Oxford, and duties are full time. The candidate must be a member of the College of Obstetricians and Gynæcologists, or be prepared to sit the necessary examination at an early date. Minimum salary £300 per annum.

District Infirmary, Ashton-under-Lyne.

(200 Beds, mainly Surgical.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant immediately.

If held by an R Practitioner, appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

FRANK OLIVER, General Superintendent and Secretary.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Bexhill Hospital, Bexhill-on-Sea.

Applications are invited, including from R Practitioners holding A posts, for the post of RESIDENT MEDICAL OFFICER (B2) (Male or Female). The appointment is for a period of six months. Salary £150 per annum, with board, residence, and laundry. The successful applicant will be required to commence duty early in 1941.

Applications, stating age, nationality, experience, and qualifications, accompanied by three recent testimonials, should be sent to the undersigned as soon as possible.

P. E. WINDO, Secretary.

11th November, 1940.

The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the following posts:—

HOUSE SURGEON (General Surgery) (A), vacant 1st January, 1941.

CASUALTY SURGEON (A), vacant 27th November, 1940.

Salary at the rate of, £100 per annum, with full residential emoluments.

Also RESIDENT ANÆSTHETIST (B2), vacant now. R Practitioners holding A posts may apply. Salary at the rate of £200 per annum, with full residential emoluments.

All appointments are for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 11th November, 1940.

Chesterfield and North Derbyshire

ROYAL HOSPITAL. (220 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Male registered Medical Practitioners for the appointment of a House Physician (A), including R Practitioners within three months of qualification.

The appointment is for a period of six months, to be commenced 1st December, 1940.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

6th November, 1940.

Mansfield and District General

HOSPITAL, NOTTS.
(150 Normal Beds; 98 War Emergency Beds.)

RESIDENT SURGICAL OFFICER (B1 appointment) required to commence duties as soon as possible after 1st December, 1940. Salary at the rate of £300 per annum, with board, residence, and laundry.

The appointment is for twelve months, and good practical surgical experience is to be obtained. Candidates should possess a higher surgical qualification and should have had previous experience in a General Hospital. Three other Residents engaged. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Applications, stating age, qualifications, and experience, together with copies of two recent testimonials, should be sent to the undersigned as soon as possible.

A. ASHWORTH, Secretary.

Redruth Hospital, Cornwall.

HONORARY SURGEON required. Applicants should hold M.S. or F.R.C.S. and must reside in district.

Applications, stating age, with two testimonials, must reach Secretary before November 30th.

Redruth Hospital.

Lancashire County Council.

BIDDULPH GRANGE ORTHOPÆDIC HOSPITAL.

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of RESIDENT SENIOR HOUSE SURGEON (B2) now vacant, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a minimum period of six months. The salary is at the rate of £300 per annum, together with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to Dr. F. HALL, School Medical and Child Welfare Department, County Offices, Preston, not later than the 30th November.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 7th November, 1940.

The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered Medical Practitioners, Male, for the appointment of ASSISTANT RESIDENT MEDICAL OFFICERS (A) (two vacancies) to become vacant on December 23rd, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year.

The vacancies occur at GLAN ELY HOSPITAL, FAIRWATER, near CARDIFF (197 Beds for the treatment of Pulmonary and Surgical cases of Tuberculosis in Men, Women, and Children).

Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Wednesday, November 27th, 1940.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff,
November 11th, 1940.

Middlesbrough Education Committee.

APPOINTMENT OF TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from duly qualified Men or Women for a position as temporary Assistant School Medical Officer (to act whilst permanent officer is on war service) in connexion with the medical inspection and treatment of school-children and such other duties as may be required by the Education Committee.

Commencing salary £500 per annum (provided the successful candidate has had not less than three years' post-graduate experience), rising by annual increments of £25 to £700 per annum. The Committee will take into account previous experience as an Assistant School Medical Officer in determining the amount of the commencing salary. The successful candidate will be required to devote his/her whole time to the duties of the office. The appointment will be terminable by one calendar month's notice on either side.

Forms of application may be obtained on application to the Director of Education, Education Offices, Woodlands-road, Middlesbrough, to whom completed forms should be returned not later than Saturday, 30th November, 1940.

Canvassing in any form will disqualify.

STANLEY MOFFETT, Director of Education.

Education Offices, Middlesbrough, 11th November, 1940.

The Royal City of Dublin Hospital,

Upper Baggot-street, DUBLIN.

APPOINTMENT OF VISITING GYNÆCOLOGIST.

A vacancy having occurred on the Visiting Surgical Staff the Medical Board invite applications, with qualifications and testimonials, to be made not later than Monday, 9th December, 1940, addressed Hon. Secretary, Medical Board.

City and County of Newcastle upon Tyne.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
SHOTLEY BRIDGE EMERGENCY HOSPITAL. (800 Beds.)

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R Practitioners within six months of qualification.

The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Emergency Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

5th November, 1940.

The King Edward VII Welsh

NATIONAL MEMORIAL ASSOCIATION

Applications are invited from registered Medical Practitioners, Male (2 vacancies) for the appointment of HOUSE PHYSICIANS (A) to become vacant on Dec. 31, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year.

The vacancies occur at Sully Hospital, Sully, Glam (300 beds for the treatment of pulmonary tuberculosis), situate between Penarth and Barry.

Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Wednesday, November 20th, 1940.

D. A. POWELL,
Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff,
November 5, 1940.

Wolverhampton and Midland Counties

EYE INFIRMARY.

HOUSE SURGEON (B2) wanted. Ophthalmic experience preferred. Duties to commence at the beginning of January, 1941. There are 70 Beds for In-patients and large Out-patient Department. Salary £150 a year, with furnished apartments, board, and laundry.

Ladies and gentlemen, who must be registered Medical Practitioners, applying should state age and experience, and send copies of three recent testimonials to reach the Secretary not later than first post on 18th November. R Practitioners are invited to apply when appointment will be limited to six months. The Eye Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

23rd October, 1940.

The Jessop Hospital for Women,

SHEFFIELD.

The Board of Management invite applications for the post of HOUSE SURGEON (Male or Female) (B2) commencing this month, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months.

Salary £100 per annum, together with board, residence, and laundry.

Membership of a Medical Defence Society is a condition of appointment.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

DAVID OSWALD, Superintendent and Secretary.

Borough of Heston and Isleworth.

SENIOR ASSISTANT MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER (TEMPORARY).

Applications are invited from registered Medical Men with a Public Health qualification for the position of Senior Assistant Medical Officer of Health and School Medical Officer.

Candidates must have had previous experience in a Public Health Department and will be required to carry out such duties as the Medical Officer of Health may direct.

The salary will be at the rate of £600 per annum, rising to £725 per annum by annual increments of £25. The person appointed will be required to devote his whole time to the duties and will not be allowed to engage in private practice.

The appointment is in the first instance for a maximum period of twelve months, but may be extended and is terminable at any time by one month's notice.

Forms of application may be obtained from the Medical Officer of Health, 92, Bath Road, Hounslow, and completed applications, accompanied by not more than three recent testimonials and endorsed "Assistant Medical Officer" should be submitted to the undersigned not later than the 21st November, 1940.

HAROLD SWANN, Town Clerk.

Council House, Hounslow.

The Welsh National School of

MEDICINE.
(UNIVERSITY OF WALES.)

A DEMONSTRATOR (Male or Female) is required in the DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY of the Welsh National School of Medicine, Cardiff.

The appointment is a temporary one for a period not exceeding two years at a salary at the rate of £250 per annum.

Further particulars may be obtained from the undersigned, to whom applications, accompanied by copies of testimonials, must be sent immediately.

S. C. EDWARDS, Secretary.

The Welsh National School of Medicine, The Parade, Cardiff.

Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, Medical School and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 29th October, 1940.

Lincoln County Hospital.

The Board of Management invites applications for the office of HONORARY X-RAY MEDICAL OFFICER.

Particulars as to qualifications, &c., may be obtained from the undersigned. The appointment is for the duration of the war and for 12 months afterwards.

The question of a retaining fee for this appointment is under consideration by the Board of Management.

Canvassing is strictly prohibited.

Applications for the appointment, giving particulars of the career of the candidates and accompanied by three testimonials, must be made to me on or before Saturday, 7th December, 1940.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, October, 1940.

The Prince of Wales's Hospital,

Greenbank-road, PLYMOUTH.
(Formerly the South Devon and East Cornwall Hospital.)

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) to become vacant on 20th December.

Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £252 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 20th November.

Applications are also invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £132 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 20th November.

ARTHUR R. CASH, General Superintendent.

4th November, 1940.

Derbyshire Education Committee.

SCHOOL MEDICAL SERVICE.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited for the post of Temporary Assistant School Medical Officer at a salary of £500 per annum, together with a travelling allowance in accordance with the County Scale.

Candidates must be registered Medical Practitioners of at least three years' standing. The duties will include work under the Maternity and Child Welfare Service, and experience in this work and in Mental Deficiency is desirable.

Applicants may be of either sex, but in the case of Males they should be over thirty-five years of age.

The appointment will be subject to superannuation under the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

The Officer appointed will not be allowed to engage in private or consulting practice, but will be required to devote the whole time to the duties of the office and will act under the direction of the School Medical Officer.

Forms of application may be obtained from the undersigned, to whom they should be returned completed, together with copies of not more than three recent testimonials, on or before 22nd November, 1940, endorsed "Temporary Assistant School Medical Officer."

The appointment will be terminable by three months' notice on either side.

W. M. ASH, School Medical Officer.

County Offices, St. Mary's Gate, Derby,
4th November, 1940.

Southern Rhodesia Medical Service.

GOVERNMENT MEDICAL OFFICER.

Applications are invited from fully qualified, unmarried, Male Medical Practitioners, with surgical experience, for appointment as Government Medical Officer in the Southern Rhodesia Medical Service.

Salary will be on the scale £600–£25–£750 per annum. There is also a senior grade (£750–£25–£900) to which promotions are made as vacancies occur. Salary will commence from the date of assumption of duty in Southern Rhodesia. In addition, private practice is allowed.

The successful applicants will be required to sign an agreement for three years' service in the first instance, and thereafter may make application to be placed on the pensionable establishment.

A free second-class steamship passage to Cape Town and first-class railway ticket thence to Southern Rhodesia will be provided.

Canvassing, either directly or indirectly, will disqualify applicants.

The applicants should state the date on which they would be prepared to leave England if appointed.

Applications, stating age, qualifications, and experience, together with copies of testimonials, should reach the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom further particulars and application form may be obtained), not later than 20th November, 1940.

Royal Victoria Infirmary, Newcastle

UPON TYNE.

Applications are invited for the post of HOUSE GOVERNOR to the Royal Victoria Infirmary, Newcastle upon Tyne. The Infirmary is a Teaching Hospital of 835 Beds and has plans for extension to become the main unit of a Hospital Centre. The post is that of Chief Administrative Officer and is open to medical and lay applicants, who must possess a thorough knowledge of modern hospital organisation and management. Salary £1000–£1500 per annum, according to experience and qualifications.

Particulars and conditions of appointment, with form of application, can be obtained on written application to—

The House Governor and Secretary,
Royal Victoria Infirmary,
Queen Victoria-road, Newcastle upon Tyne.

1st November, 1940.

Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited for the above post from registered Medical Practitioners (Male), including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R Practitioners. The duties include the charge of a number of beds, medical and surgical, in addition to extensive out-patient and casualty work. Salary is at the rate of £120 per annum with full residential emoluments and some fees in respect of private patients.

Applications, stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible. R. A. KINGSNORTH, Acting Secretary.

Taunton and Somerset Hospital.

Lady HOUSE PHYSICIAN required end of November. A appointment. Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, with copies of testimonials, to F. J. J. STACEY, Secretary, Taunton.

Royal Berkshire Hospital, Reading.

CASUALTY OFFICER (A) (MALE).

Applications are invited from registered Medical Practitioners (Male) for the appointment of Casualty Officer (A) (Male), including R Practitioners within three months of qualification.

If held by an R Practitioner the appointment will be for a period of six months.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE SURGEON TO THE SPECIAL DEPARTMENTS (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of House Surgeon to the Special Departments (A), with care of beds for Ear, Nose and Throat, Eye, Gynæcological, and Maternity cases, to become vacant on January 22nd, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, December 4th, 1940.

J. A. BEARDSALL, Secretary-Superintendent.

Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of House Physician (A), to become vacant on January 1st, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, December 4th, 1940.

J. A. BEARDSALL, Secretary-Superintendent.

Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF RESIDENT ANÆSTHETIST AND EMERGENCY OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of Resident Anæsthetist and Emergency Officer (A), to become vacant on January 9th, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of three months. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, December 4th, 1940.

J. A. BEARDSALL, Secretary-Superintendent.

Montagu Hospital, Mexborough.

(120 Beds—3 Residents.)

Applications are invited for the post of RESIDENT HOUSE SURGEON (A), Male. Salary £150 per annum, with usual residential emoluments. R Practitioners within three months of qualification may apply, when appointment is for six months commencing 6th December, 1940, otherwise is subject to renewal. This post offers excellent opportunity for experience in all branches of Surgery.

Applications, stating age, nationality, qualifications, and experience, accompanied with copy testimonials, to be sent to the undersigned immediately.

A. LAYCOCK, Secretary-Superintendent.

Royal National Hospital for

CONSUMPTION, VENTNOR, I.O.W.

Applications are invited from registered Medical Practitioners, Male, for the appointment of a RESIDENT MEDICAL OFFICER (A) to become vacant on 24th December, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year. Salary is at the rate of £250 per annum, with full residential emoluments, rising by £25 each half-year to a maximum of £300.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as quickly as possible. Knowledge of Tuberculosis will be an advantage.

G. OLIVER HEMPSON, Medical Superintendent.

Liverpool and District Hospital for

DISEASES OF THE HEART,
34, Oxford-street, LIVERPOOL, 7.

Applications are invited from registered Medical Practitioners, Male and Female, for the immediate appointment of a HOUSE PHYSICIAN (A). R Practitioners within three months of qualification are invited to apply, when appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments. Facilities for M.D. thesis.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

Miss LEWIS, Secretary.

The General Infirmary at Leeds.

(673 Beds.)

Applications are invited for the post of HONORARY ASSISTANT SURGEON to the above Institution. The appointment is temporary, and will be terminable within twelve months of the conclusion of hostilities. Candidates must be Fellows of the Royal College of Surgeons of England.

Information relating to the post will be supplied on reference to the House Governor.

Twenty-five copies of applications, accompanied by copies of not less than three recent testimonials, to be addressed to, and received by, the undersigned not later than 30th November, 1940.

Envelopes to be endorsed "Private—Honorary Staff."

S. CLAYTON FRYERS, House Governor and Secretary.

Walsall General Hospital.

The Committee invite applications for the appointment of HONORARY PHYSICIAN. Communication should be made with the undersigned.

WALTER FRANCOMBE, House Governor.

10th November, 1940.

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Royal West Sussex Hospital,
CHICHESTER, SUSSEX.

APPOINTMENT OF TWO JUNIOR HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of Two Junior House Surgeons, vacant on December 1st, 1940. The appointments will be for a period of six months.

Salary £145 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned.

K. H. WILLIAMS, House Governor and Secretary.

November 13th, 1940.

Royal Hampshire County Hospital,
WINCHESTER.
(331 Beds, increasing to 450.)

Applications are invited from registered Medical Practitioners for the appointment of HOUSE PHYSICIAN (A) to become vacant immediately, including R Practitioners within three months of qualification. The appointment will be for a period of six months. Salary is at the rate of £175 a year, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

York Dispensary.

Applications are invited for the post of RESIDENT MEDICAL OFFICER (Female) to commence duties as soon as possible.

The resident staff consists of two Medical Officers, whose duties are to visit and attend the sick poor in their own homes and to assist the honorary staff.

Candidates must be duly qualified, registered, and unmarried. Experience in the administration of anæsthetics is essential. Salary £220 per annum, with board, lodging, and attendance, with an allowance of £76 for car expenses and for laundry.

Applications, with testimonials, to be sent on or before November 20th to—

JOHN C. PETERS, Secretary.

4, New-street, York.

The Stamford, Rutland and General
INFIRMARY.

Applications are invited from registered Medical Practitioners (Male or Female) for the appointment of HOUSE SURGEON (A), including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the SECRETARY, Stamford, Rutland and General Infirmary, Stamford, Lincs.

Royal Alexandra Hospital for Sick
CHILDREN, BRIGHTON.

HONORARY RADIOLOGIST required.

The Election Committee will meet on Friday, the 6th December, 1940, and it is hereby convened for that date at 3.30 P.M. for the purpose of electing an Honorary Radiologist. All candidates are required to transmit their applications and testimonials under cover to the undersigned not later than Thursday, the 28th November, and must hold themselves in readiness to attend the meeting of the Committee on the day of election.

The Committee does not bind itself to appoint any candidate.

Every candidate will have an opportunity of appearing before the Election Committee, and may send a copy of testimonials to the Members of the Committee of Election not more than ten days before the meeting at which such election is to take place.

The appointment will be for the duration of the war only.

Full information can be obtained, if desired, by application to the Secretary, PERCY F. SPOONER, at the Hospital.

5th November, 1940.

Royal Sheffield Infirmary and
HOSPITAL.
THE ROYAL INFIRMARY, SHEFFIELD. (470 Beds.)

Applications are invited from registered Medical Practitioners for the post of RESIDENT SURGICAL OFFICER (B1), now vacant. This post is tenable for the period of six months from 1st January, 1941. Applicants should have held house appointments and had experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with board and residence.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

The Royal Infirmary, Sheffield, 6, 12th November, 1940.

North Staffordshire Royal Infirmary,
STOKE-ON-TRENT.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (A). R Practitioners within three months of qualification may apply, when appointment will be for a period of six months.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

THORNBURROW GIBSON, Secretary and House Governor.

10th November, 1940.

County Borough of Middlesbrough.
MUNICIPAL HOSPITAL.
ASSISTANT RESIDENT MEDICAL OFFICER (B2).

Applications are invited from unmarried registered Medical Practitioners (Male), including R Practitioners who hold A posts, for the position of Assistant Resident Medical Officer (B2). If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months.

The salary is at the rate of £270 per annum, together with full residential emoluments.

Candidates should have had recent hospital experience.

In addition to hospital duties the successful candidate will be required to undertake relief or holiday duty work of other whole-time members of the Corporation's medical staff as required.

The Municipal Hospital contains 353 beds and is a training school for nurses and affords excellent facilities for post-graduate work and experience.

The appointment is subject to the rules and regulations of the Middlesbrough Corporation Act, 1937. The successful candidate will be required to pass satisfactorily a medical examination.

Applications, stating age, qualifications, nationality and particulars of present post and experience, together with copies of not more than three recent testimonials, should be sent to the Medical Officer of Health, Health Department, Municipal Buildings, Middlesbrough, immediately.

PRESTON KITCHEN, Town Clerk.

11th November, 1940.

The Lawn, Lincoln.
(REGISTERED HOSPITAL FOR MENTAL AND NERVOUS DISEASES.)

ASSISTANT MEDICAL OFFICER (B2) required, one with previous mental hospital experience preferred. R Practitioners holding A posts may apply, when appointment will be limited to six months. Salary £300 per annum with emoluments.

Apply MEDICAL SUPERINTENDENT, The Lawn, Lincoln.

Fully trained Lay Psychologist required to assist in Private Psychiatrical Practice and Child Guidance Work. Safe area.—Address, No. 747, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

Wanted, Austin Saloon or similar, 1937–39. Also good 7-Seater.—Address, No. 746, THE LANCET Office, 7, Adam-street, Adelphi, London, W.C.2.

Harley Street and District.—A number of excellent CONSULTING ROOMS are available for full and part-time use at moderate rents. Particulars on application.—ELGOOD & Co., 1, Bentinck Street, Welbeck Street, W.1. Welbeck 8974.

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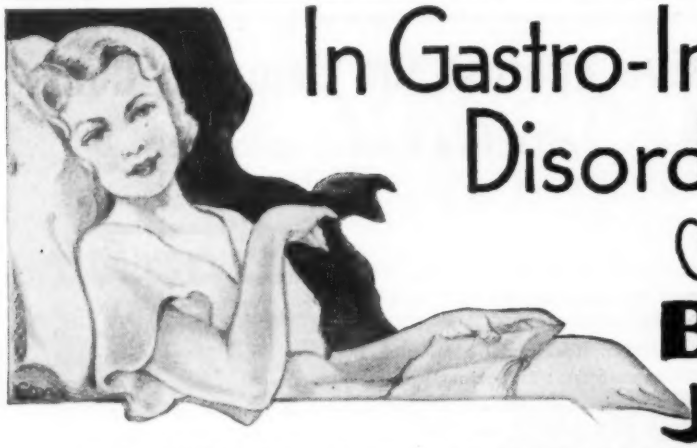

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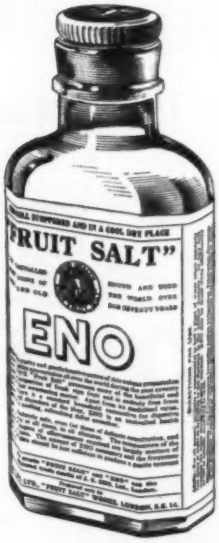

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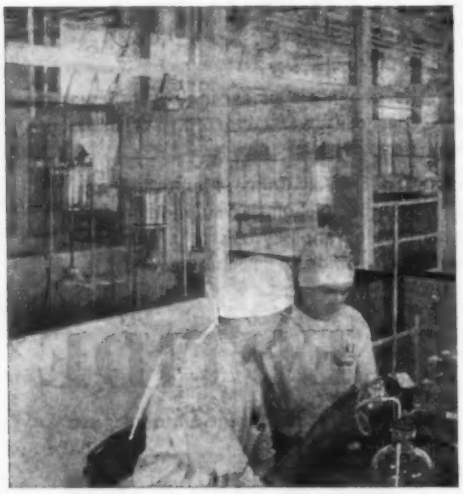

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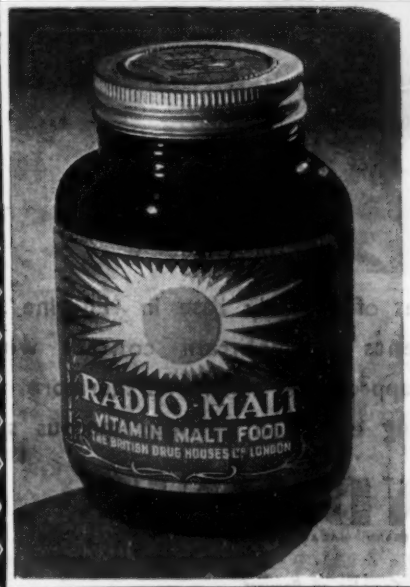

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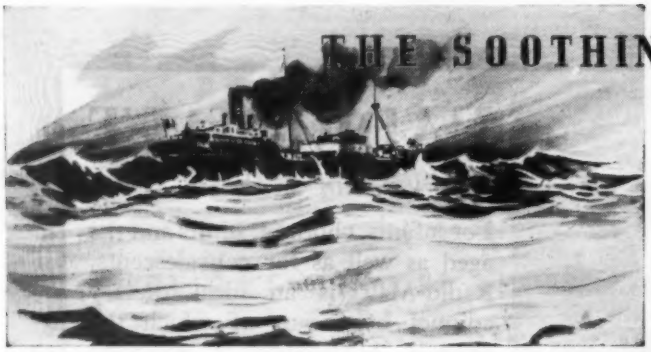

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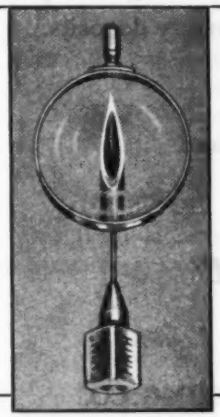

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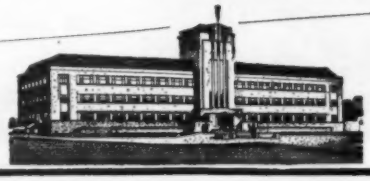

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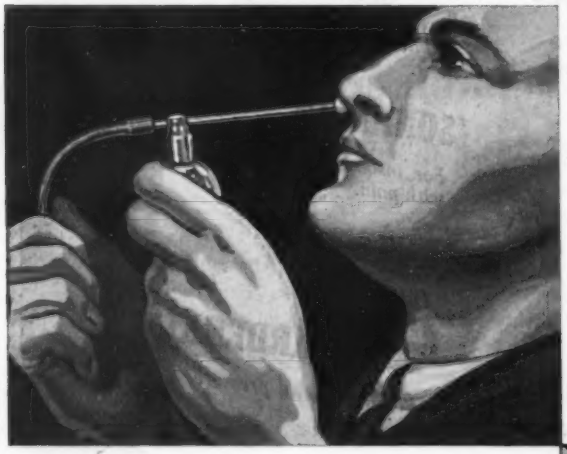

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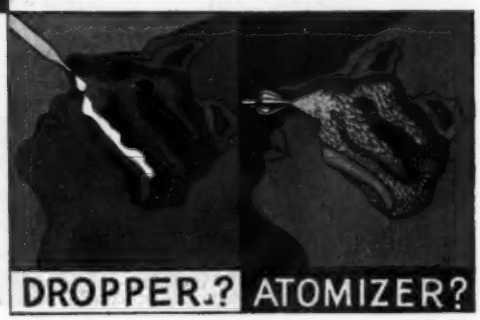

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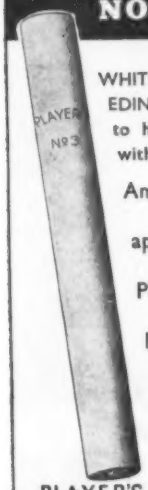

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commencing on Monday, December 2nd, 1940.

The course is strictly limited to 16 students and is intended for Junior Officers. Applications for admission should be made to the Dean, British Postgraduate Medical School, Ducane-road W.12.

The fee for the course will be 5 guineas, but no fee will be charged in the case of Officers of the Armed Forces and the E.M.S., who submit a leave certificate and register their names before the commencement of the course.

Stations: Wood Lane (Central London Railway), Ladbroke Grove (Metropolitan Railway), and No. 7 (Acton Vale) bus.

Buses: No. 7 (Acton Vale), Nos. 72 and 105 to Bloemfontein road, Westway.

Trolley-buses: Nos. 628 and 630.

London County Council.

MAUDSLEY HOSPITAL MEDICAL SCHOOL.
(UNIVERSITY OF LONDON.)

It is proposed to hold
A COURSE OF LECTURES AND PRACTICAL INSTRUCTION
for a
DIPLOMA IN PSYCHOLOGICAL MEDICINE
from JANUARY to MAY, 1941.

In Part I (January and February) Lectures and Practical Instruction will be given on the Anatomy and Physiology of the Nervous System and on Psychology.

In Part II (March and May) the Lectures will be on all aspects of Psychiatry and Mental Deficiency. Clinical Instruction on Psychiatry and Neurology will be arranged throughout the Course to comply with the requirements of the Examining Bodies.

Particulars can be obtained from Professor S. NEVIN, Honorary Director of the Medical School, The Central Pathological Laboratory, at West Park Hospital, Epsom, Surrey. Telephone No.: Epsom 1408.

Applications for enrolment must be made on or before 16th December, 1940.

University of Oxford.

DIPLOMA IN OPHTHALMOLOGY.

The examination for the Diploma will be held in December, 1941, if sufficient candidates enter their names for it by September 1st, 1941.

The two months' course of instruction will commence in October, 1941.

All candidates have to produce a certificate showing that they have duly attended a course of Clinical Ophthalmology for twelve calendar months, in connexion with hospitals or institutions recognised for the purpose by the Board of the Faculty of Medicine.

There are a certain number of vacancies at the Oxford Eye Hospital for students who desire to work for this certificate.

For further information, apply to the Dean of the Medical School, The University Museum, Oxford.

P. H. ADAMS, Margaret Ogilvie Reader in Ophthalmology.

Liverpool School of Tropical Medicine.

UNIVERSITY OF LIVERPOOL.

COURSES OF INSTRUCTION.

Arrangements have been made with the London School of Hygiene and Tropical Medicine and with the Colonial Office that, for the duration of the war, courses of instruction in Tropical Medicine and Hygiene will be held alternately in London and Liverpool. The next course for the Diploma in Tropical Medicine, lasting about three months, will be held in Liverpool and will commence on January 7th, 1941.

Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.

TREATMENT OF PATIENTS.

There is an outpatient department at the School for all sufferers from diseases contracted in the tropics. Cases needing hospital treatment are admitted to the Tropical Ward (general and private wards) of the Liverpool Royal Infirmary, which adjoins the School. Special arrangements are made for members of H.M. Government, and for members of certain firms who are regular subscribers to the School.

DIPLOMA IN PUBLIC HEALTH
THE ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE

The course of instruction can be commenced at any time. Candidates holding appointments are admitted to Part II Course as part-time students.

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In conjunction with the MALE NURSES' ASSN.
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ESTABLISHED IN 1853.

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Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

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A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

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This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

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Terms from 3½ guineas weekly.

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For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

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FOR NERVOUS AND MENTAL DISORDERS, NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

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This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

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Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

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The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

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Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

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The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

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A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

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For Terms, apply to—

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PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

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A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

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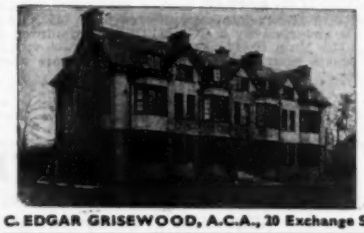

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For MENTAL DEFECTIVES of all ages

Training under medical supervision. Schools, Farm, Trade Workshops, Recreations. Fees £110 to £375 p.a. Election by votes of subscribers at reduced terms for necessitous trainable cases.

Apply, Secretary. Tel.: Redhill 344

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A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

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For further particulars apply to the MEDICAL SUPERINTENDENT

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Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

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PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

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Metropolitan Borough of Stoke NEWINGTON.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from registered Medical Practitioners for the post of Temporary Assistant Medical Officer of Health at a salary of £600 per annum, rising by £25 per annum to £700 per annum. The officer appointed will be required to devote the whole of his time to the duties of the office under the direction of the Medical Officer of Health, and these duties will include frequent and regular inspection by day and by night of the public shelters in the district and of such other medical services as may be required.

The appointment is subject to one month's notice on either side.

Preference will be given to an applicant holding a Diploma of Public Health.

Applications, stating age, qualifications with dates, and experience, together with copies of three testimonials, should be addressed to the Medical Officer of Health and must reach him not later than 30th November.

C. KENT WRIGHT, Town Clerk.

Stoke Newington Town Hall, Public Health Department, Stoke Newington Church-street, N.16.

Hospital of St. John & St. Elizabeth,

60, Grove End-road, N.W.8.

Applications are invited for the post of RESIDENT HOUSE SURGEON (Male) (A), including R Practitioners within three months of qualification. The post is recognised for the degree of M.S. London University. The appointment will be for six months and will commence on 1st January, 1941. Salary at the rate of £150 per annum, with full board. Applications, together with copies of three testimonials, should reach the undersigned by Monday, 9th December.

Applicants will be required to attend a meeting of the Medical Committee on Tuesday, 10th December, at 12 noon, at the Hospital. F. DUDLEY HOBBS, B.A., Secretary.

The Salvation Army,

THE MOTHERS' HOSPITAL, Lower Clapton-road, Clapton, E.5.

Applications are invited from Medical Women for the post of JUNIOR RESIDENT MEDICAL OFFICER (B2), vacant January 1st, 1940. Salary £80 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than Tuesday, December 3rd, 1940.

FRED. HAMMOND, Secretary.

The Salvation Army,

THE MOTHERS' HOSPITAL, Lower Clapton-road, Clapton, E.5.

Applications are invited from Medical Women for the post of SENIOR RESIDENT MEDICAL OFFICER (B2), vacant January 1st, 1940. Salary £150 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than Tuesday, December 3rd, 1940.

FRED. HAMMOND, Secretary.

Ministry of Labour and National SERVICE.

Appointment of Four Temporary MEDICAL INSPECTORS OF FACTORIES.

Applications are invited for the above appointments from registered Medical Practitioners who, in the case of Males, must be above the current registration age under the National Service (Armed Forces) Act, or ineligible for service in H.M. Forces. Salary at a fixed rate of £750 per annum. The duties will be connected mainly with Medical supervision in factories and successful applicants will be required to reside in such places in Great Britain as the Minister may from time to time direct.

Further information, together with a form of application, can be obtained on request, preferably by postcard, from the Factory and Welfare Department (Room 209), Cleland House, Page-street, Westminster, S.W.1.

Miller General Hospital.

Applications are invited from registered Medical Practitioners, Male, for the appointment of a HOUSE SURGEON (A) to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th December, 1940.

F. J. SCOTT, Secretary.

National Temperance Hospital,

Hampstead-road, N.W.1.

Applications are invited for the post of CASUALTY OFFICER (including R Practitioners within three months of qualification) who will be required to act as House Surgeon under the E.M.S. (A post). Salary £140 per annum, and board, residence, and laundry. The appointment is for the period of six months as from 1st December.

Applications, stating qualifications, age, &c., with copies of not more than three testimonials, by the 26th November, addressed to the Secretary.

Dreadnought Seamen's Hospital,

Greenwich.

Applications are invited from registered Male Medical Practitioners for the appointment of SENIOR RESIDENT HOUSE OFFICER (B1), becoming vacant on 1st December. Salary not less than £200 per annum, with full residential emoluments. Suitably qualified R Practitioners holding B2 or B1 appointments invited to apply.

Applications, stating age, qualifications with dates, nationality, and present post, with copies of recent testimonials, should be sent immediately to the undersigned.

F. A. LYON, Secretary.

Seamen's Hospital, Greenwich, S.E.10.

London County Council.

Medical Practitioners required for undermentioned positions in Council's general and special hospitals. Married quarters not available.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class I) (B1). Salary £350–£25–£425. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Duties: (*a*) Medical, (*b*) Surgical.

TEMPORARY ASSISTANT MEDICAL OFFICERS (Class II) (B2). Salary £250. R Practitioners who hold A posts may apply. If held by an R Practitioner the appointment will be limited to six months. General duties.

All positions are with board, lodging, and washing.

Application forms obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division 2, County Hall, S.E.1, returnable by 2nd December, 1940.

Canvassing disqualifies.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

The Royal Masonic Hospital,
Ravenscourt Park, W.6.

A post of RESIDENT MEDICAL OFFICER (B1) (Male) will be vacant immediately. Salary at the rate of £300 per annum, with board, residence, and laundry. The appointment is for twelve months. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered, and must have held resident appointments at a General Hospital. The Institution is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary nursing home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the Honorary Secretaries, from whom further information may be obtained.

Connaught Hospital, Walthamstow,
E.17. (118 Beds.)

Applications are invited from registered Medical Practitioners, Male, for the following appointments:—

HOUSE PHYSICIAN (A), vacant 1st February, 1941.
HOUSE SURGEON (A), vacant 1st January, 1941.
CASUALTY OFFICER (A), vacant 1st January, 1941.

R Practitioners within three months of qualification may apply, when the appointments will be for the period of six months. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

R. HALTON HARRISON, General Secretary.

Hospital for Consumption and Diseases
OF THE CHEST, Brompton, S.W.3.

Applications are invited for the following appointments from registered Medical Practitioners, Male and Female, including R Practitioners who now hold A posts.

RESIDENT SURGICAL OFFICER (B2). The appointment is for six months commencing on 1st February. Salary at the rate of £150 per annum, with board and residence, and an additional £25 per annum for services in connection with paying patients.

ASSISTANT RESIDENT MEDICAL OFFICER (B2). Experience in Artificial Pneumothorax essential, and in Ear, Nose and Throat work desirable. Salary at the rate of £150 per annum, with board and residence. The appointment is for six months commencing on 9th February.

HOUSE PHYSICIANS (B2), for which there are 3 vacancies. The duties include work in the Out-patient Department as well as in the wards, and the appointment is for six months commencing on 1st February, with an honorarium of £50.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of one or more recent testimonials, should reach the undersigned not later than Saturday, 7th December, 1940.

F. G. ROUVRAY, Secretary.

Brompton, November, 1940.

Miller General Hospital.

Applications are invited from registered Medical Practitioners, Male, for the appointment of RESIDENT OUTPATIENT OFFICER (full-time) (B2) to become vacant on 1st January, 1941. The work consists of Casualty duties, mainly fractures and general minor surgery. R Practitioners now holding A posts may apply, when appointment will be limited to six months. The salary is at the rate of £250 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th December, 1940.

F. J. SCOTT, Secretary.

15th November, 1940.

Saint Pancras Borough Council.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER.

Applications are invited from Male registered Medical Practitioners for the post of Assistant in the Public Health Department. The Officer appointed will be required to devote the whole of his time to the duties of his office under the direction of the Medical Officer of Health. The duties will be chiefly in connection with the inspection of public shelters in the Borough, and in regard to health matters arising in connection with public shelters. Frequent and regular inspection of shelters by day and by night will be required.

The salary will be at the rate of £500 per annum, rising by two annual increments of £50 to £600.

Applicants should not be under 36 years of age and preferably between 40 and 45.

The appointment will be subject to one month's notice on either side.

Applications, stating age, qualifications and any commitments to the Fighting Services, together with copies of three recent testimonials, should reach the undersigned not later than the 28th November, 1940.

A. POWELL COKE, Town Clerk.

St. Pancras Town Hall, Euston Road, N.W.1,
19th November, 1940.

Central London Throat, Nose and Ear
HOSPITAL, Gray's Inn-road, W.C.1.

ASSISTANTS IN THE OUTPATIENT DEPARTMENT.

There are vacancies for attendance in the mornings at 10 A.M. and in the afternoons at 2 P.M. The posts are honorary: the duties consist of assisting the surgeons in the treatment of patients and thus afford good opportunities of acquiring an extended knowledge of the speciality.

Applications, stating the day and time for which it is made, should be sent to the undersigned immediately.

JOHN H. YOUNG, Secretary-Superintendent.

Soho Hospital for Women and First-
AID POST, Soho-square, W.1.

Applications are invited from fully qualified Men, including R Practitioners who now hold A posts, for the combined post of RESIDENT MEDICAL OFFICER (B2) to the Hospital and SENIOR MEDICAL OFFICER to the First-aid Post for a period of six months, beginning January 1st, 1941.

The salary for the combined post is at the rate of £150 per annum, with full board.

Applications must reach the undersigned by December 6th.

J. P. HEMING, Secretary.

St. Mary's Hospital for Women and
CHILDREN, Plaistow, E.13.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for RESIDENT HOUSE SURGEON A. Applications are also invited, including R Practitioners now holding A posts, for RESIDENT HOUSE PHYSICIAN B2.

The appointments are for six months, and candidates must be British by birth and nationality. Salary at the rate of £200 per annum, with board and residence.

Applications, with copies of recent testimonials, to be sent as soon as possible to the undersigned.

A. ERNEST WILKES, Secretary.

Cornwall County Council.

Applications are invited from registered Medical Practitioners with psychiatrical experience for appointment as TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER. Commencing salary will be £500 per annum with travelling expenses on the County Scale. Car essential.

Applications, stating age, qualifications and experience, with copies of testimonials, should be sent to the County Medical Officer, County Hall, Truro, by the 2nd December, 1940.

T. A. H. SHEERS, Clerk of the County Council.

County Hall, Truro.

Non-resident Surgeon (Grade 1) (B1)

required by Middlesex County Council for Hillingdon County Hospital near Uxbridge, Middlesex (to live near hospital). Must be registered Medical Practitioners (including suitably qualified R Practitioners holding B2 or B1 appointments) of high qualifications and professional attainments and have devoted time wholly or chiefly to practice of surgery. Salary £1000 × £50 – £1500 p.a. Appointment—senior in Council's general hospital service; unestablished for duration of war, subject to medical examination and three months' notice. Whole-time duties under Medical Superintendent (including teaching students and such other duties as Council may direct). Salary inclusive, other fees received must be paid to the Council. Application stating age, nationality, qualifications with dates, experience and details of previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 7th December.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Chesterfield and North Derbyshire

ROYAL HOSPITAL.

(220 Medical and Surgical Beds—226 War Emergency Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Male Medical Practitioners for the appointment of a House Surgeon (A), to commence immediately, for a period of six months, including R Practitioners within three months of qualification. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

13th November, 1940.

Runwell Emergency Hospital,

Near WICKFORD, ESSEX.

(230 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A), including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months; otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, together with copies of three recent testimonials, to be sent to the Medical Superintendent.

Oldham Royal Infirmary.

APPOINTMENT OF CASUALTY OFFICER AND SENIOR HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners Male and Female, for the appointment of Senior House Surgeon, to take charge of the Casualty Department and to work under the Orthopædic Surgeon. At the Fracture Clinic there is an average attendance of 150–170 cases per week.

Applicants may include R Practitioners who now hold A posts. The appointment becomes vacant on the 25th December, 1940.

Appointment will be for six months.

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, to be sent to the undersigned not later than the 2nd December, 1940.

F. W. BARNETT, General Superintendent and Secretary.

Sussex Maternity Hospital, Brighton.

(65 Beds.)

Applications are invited from registered Medical Practitioners, including R practitioners who now hold A posts, for the appointment of a HOUSE SURGEON (B2) to become vacant on the 1st January, 1941. Salary is at the rate of £130 per annum and £40 per annum car or travelling allowance; full residential emoluments. Six months' appointment.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

Buckingham-road, Brighton.

Aberdeen Royal Infirmary.

Applications are invited from registered Medical Practitioners for the appointment of (a) GENERAL SURGICAL OFFICER (B1) and (b) ORTHOPÆDIC SURGICAL OFFICER (B1), to become vacant on 1st January, 1941, or thereby. Applicants should have held house appointments and have had surgical experience. Preference will be given to candidates holding a higher qualification in surgery. Suitably qualified "R" Practitioners holding B2 or B1 appointments are invited to apply. Salary for each post £350, plus £100 living-out allowance.

Applications (six copies), stating age, nationality, qualifications with dates, and experience, and accompanied by six copies of three recent testimonials, should be lodged with the undersigned not later than 7th December, 1940.

JOHN A. MCCONACHIE, Clerk and Treasurer.

1, Albyn Place, Aberdeen.

Royal Sussex County Hospital,

BRIGHTON. (380 Beds.)

APPOINTMENT OF A CASUALTY HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a Casualty House Surgeon (A) now vacant, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

City of Plymouth.

MEDICAL OFFICER OF HEALTH'S DEPARTMENT.
MOUNT GOLD ORTHOPÆDIC AND PULMONARY TUBERCULOSIS HOSPITAL. (200 Beds.)

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B2.).

Applications are invited from Medical Practitioners, Male and Female, including R Practitioners who now hold A posts, for the appointment of Resident Surgical Officer.

The duties of the successful candidate will be mainly with the Orthopædic section (120 beds), but the person appointed will be expected to undertake other duties as directed by the Medical Superintendent.

If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for twelve months. Salary at the rate of £300 per annum, plus full residential emoluments. The post is subject to the Local Government and Other Officers' Superannuation Act, 1922, and is terminable by one month's notice on either side. The successful candidate will be required to pass a medical examination. All fees received by the Officer, other than the above, must be refunded to the Council.

Forms of application are not provided, and applications, with copies of three recent testimonials, must be sent to the undersigned not later than noon on Monday, 2nd December.

T. PEIRSON, Medical Officer of Health.

Town Hall, Stonehouse, Plymouth.

Salisbury General Infirmary.

VOLUNTARY HOSPITAL. (225 Beds. 140 Emergency.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Medical Officer to become vacant on 1st December, 1940. Applicants should have held house appointments and had surgical experience. The appointment will be for a period of twelve months. Salary is at the rate of £250 per annum, with full residential emoluments. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

County Borough of Rochdale.

APPOINTMENT OF TEMPORARY RESIDENT MEDICAL OFFICER (B1).

The Health Committee invite applications from fully qualified registered Medical Practitioners for the temporary appointment of Senior (Male) Assistant Resident Medical Officer at the BIRCH HILL HOSPITAL (475 Beds, Medical, Surgical and Children and Maternity). Suitably qualified R Practitioners holding B2 or B1 posts are invited to apply.

Previous hospital experience, including Maternity and Surgical work, is essential.

The appointment will include certain services in connexion with the adjoining Public Assistance Institution.

The salary will be at the rate of £350 per annum, rising by annual increments of £25 to £450 per annum, together with board, residence, and laundry (emoluments valued at £100 per annum). In the case of a married man, emoluments will not include board but will include an unfurnished house and laundry.

Applications must be made on the prescribed forms, which may be obtained on application to the Medical Officer of Health, Baillie-street, Rochdale, and returned addressed to him not later than Thursday, the 5th December, 1940.

HARRY BANN, Town Clerk.

Town Hall, Rochdale, 15th November, 1940.

Bootle General Hospital,

LINACRE LANE, BOOTLE, LIVERPOOL, 20.

(131 Beds.)

ONE HOUSE PHYSICIAN.
ONE GENERAL HOUSE SURGEON.
ONE HOUSE SURGEON TO SPECIAL DEPARTMENTS.

Applications are invited from registered Medical Practitioners, Male and Female, for the above (A) appointments, including (R) practitioners within 3 months of qualification.

Appointments are for a period of 6 months from 1st January, 1941, and salary at the rate of £150 per annum with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 4th December, 1940.

A. J. COOPER, Secretary-Superintendent.

The Staffordshire General Infirmary, STAFFORD.

Applications are invited from registered Medical Practitioners for the appointment of HOUSE SURGEON (B2) to commence duties on the 7th December. Experience in Fracture work an advantage. Salary £175 per annum, with board, residence. R Practitioners holding A posts may apply, when appointment will be limited to six months.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 15th November, 1940.

Administrative County of Essex.

ESSEX COUNTY HOSPITAL, BROOMFIELD.

APPOINTMENT OF ADDITIONAL MEDICAL OFFICERS (B1) AND (B2).

The County Council of the Administrative County of Essex invite applications for two vacant appointments at the Essex County Hospital, Broomfield, for the treatment of pulmonary and surgical tuberculosis in men, from registered Medical Practitioners.

Applicants for the first appointment, viz., that of Third Assistant Medical Officer, should have held house appointments and have had experience in the treatment of tuberculosis, particularly surgical tuberculosis in hospital or sanatorium. Suitably qualified Practitioners, including those holding B2 and B1 appointments, are invited to apply. Salary £350, rising, subject to satisfactory service, by annual increments of £25 to £425 per annum, together with the usual indoor emoluments, valued at £160 per annum.

Applicants for the second appointment, viz., that of Junior Resident Medical Officer, should include applications from R Practitioners who hold A posts. The appointment would normally be for a period of one year, but if the successful applicant is an R Practitioner, the appointment will be limited to six months. Salary £250 per annum, together with the usual indoor emoluments valued at £160 per annum.

The successful applicants will be required to pass a medical examination, and in the case of the former appointment, to contribute to the appropriate Superannuation Fund. Both appointments will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded upon application.

Applications on the prescribed forms, obtainable from the undersigned, should be addressed to me in an envelope marked "Appointment of Medical Officers" and delivered at the County Hall, Chelmsford, not later than 10 A.M. on Friday, the 6th day of December, 1940.

E. S. HOLCROFT, Clerk of the County Council.

County Hall, Chelmsford, 14th December, 1940.

County of Kent.

PUBLIC HEALTH DEPARTMENT.

A TEMPORARY ASSISTANT TUBERCULOSIS OFFICER (MALE).

The County Council invites applications for the above-mentioned whole-time appointment. The duties will include attendance at dispensaries and such other work as may be assigned from time to time.

The salary is at the rate of £600 a year rising, subject to satisfactory service, by annual increments of £25, to a maximum of £750 a year, with subsistence and travelling allowances according to the County Council's scale.

The officer appointed will be required to reside in such part of the County as may be directed, and to pass a medical examination.

The post is temporary and is terminable by one month's notice on either side.

Applications, stating age, qualifications and clinical experience, with special reference to practical experience in the diagnosis and treatment of Tuberculosis, must be received by the County Medical Officer, County Hall, Maidstone, by the 2nd December, 1940.

Before appointment satisfactory references will be required.

W. L. PLATTS, Clerk to the County Council.

County Hall, Maidstone, 15th November, 1940.

City and County of Newcastle upon TYNE.

TEMPORARY APPOINTMENT OF AN ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from registered Medical Practitioners holding a registrable Diploma in Sanitary Science, Public Health or State Medicine, for a temporary whole-time appointment of Assistant Medical Officer of Health at the salary of £600, rising to £750 by annual increments of £37 10s. 0d.

The officer appointed will be employed on general duties in connection with the work of the Health Department.

The appointment is subject to one month's notice on either side and does not carry any rights under the Council's superannuation scheme.

Applicants should not be eligible for military service.

Applications, together with copies of three recent testimonials, should be sent to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

Woman Doctor required urgently,

INDIAN MISSION HOSPITAL.—Apply, C. C. CHESTERMAN, O.B.E., M.D., M.R.C.P., Cokes Lane House, Cokes-lane, Chalfont St. Giles, Bucks.

42

Royal Sheffield Infirmary and HOSPITAL.

THE ROYAL HOSPITAL, SHEFFIELD, 1.
(Teaching Hospital—422 Beds.)
APPOINTMENT OF SURGICAL REGISTRAR (B1)
(Non-resident.)

Applications are invited from registered Medical Practitioners for the above appointment. Applicants should have had surgical experience and must hold the Fellowship of one of the Royal Colleges of Surgeons. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £300 per annum, with certain emoluments.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent immediately to the Superintendent.

Keighley and District Victoria Hospital.

YORKSHIRE, WEST RIDING.
(140 Beds—Two Residents.)

APPOINTMENT OF SECOND RESIDENT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners (Female) for the following post:—

Second Resident Medical Officer. Salary £120 per annum, to commence 28th December, 1940.

Proof of registration to be furnished before appointment.

Full residential emoluments. Term, six months renewable.

Applications, with particulars of age, experience, and nationality, together with copies of two recent testimonials, to be sent to the undersigned not later than 30th November.

J. YOUNG, Secretary-Superintendent.

County Borough of Great Yarmouth.

Applications are invited for the appointment of:

(1) DEPUTY MEDICAL OFFICER OF HEALTH AND ASSISTANT TUBERCULOSIS OFFICER at a salary of £600 per annum, rising by annual increments of £25 to £700 per annum.

The gentleman appointed will, in addition to acting as Assistant Tuberculosis Officer, be required to assist in the general work of the Health Department.

Candidates must have had at least three years' experience of their profession since qualification, be able to show special experience in the diagnosis and treatment of tuberculosis, and must have had special training for a period of not less than six months in a sanatorium. Practical experience in the work of a Tuberculosis Dispensary is essential. Practical experience in Bacteriology would be an advantage. Candidates must also hold a Diploma in Public Health.

(2) ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER at a salary of £500 per annum, rising by annual increments of £25 to £700 per annum.

The gentleman appointed will be required to conduct routine medical inspection in schools, and attend at the various school clinics. In addition, he will be expected to assist in the general duties of a Public Health Department, which includes the treatment and care of patients at the Borough Isolation Hospital, and work under the Maternity and Child Welfare Service.

The holding of a Diploma in Public Health will be considered an advantage.

The gentlemen appointed will not be allowed to engage in private practice, but will be required to devote the whole of their time to the duties of their respective offices, and to act for all purposes under the direction of the Medical Officer of Health.

The successful candidates will be required to pass a medical examination.

Forms of application may be obtained from the undersigned, to whom they should be returned completed, together with copies of not more than three recent testimonials, on or before 6th December, 1940, suitably endorsed.

Both appointments will be subject to the approval of the Ministry of Health, and to the provisions of the Local Government Superannuation Act, 1937.

Canvassing, either directly or indirectly, by or on behalf of a candidate will be a disqualification, and a candidate must disclose in writing whether to his knowledge he is related to any member of, or holder of any senior office under, the Council. A candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

The appointments will be terminable by three months' notice on either side.

FARRA CONWAY, Town Clerk.

Town Hall, Great Yarmouth, 18th November, 1940.

Northampton General Hospital.

(381 Beds.)

Applications are invited from registered Medical Practitioners (Male or Female) and R practitioners within three months of qualification, for the appointment of

HOUSE SURGEON (A) TO THE EAR, NOSE, AND THROAT DEPARTMENT.

If held by an R Practitioner, the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence and laundry.

Candidates must be of British nationality.

Applications, stating age, qualifications with dates, with copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

18th November, 1940.

The King Edward VII Welsh National
MEMORIAL ASSOCIATION.

Applications are invited from registered Medical Practitioners, Male, for the appointment of ASSISTANT RESIDENT MEDICAL OFFICERS (A) (two vacancies) to become vacant on December 23rd, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year.

The vacancies occur at GLAN ELY HOSPITAL, FAIRWATER, near CARDIFF (197 Beds for the treatment of Pulmonary and Surgical cases of Tuberculosis in Men, Women, and Children).

Salary £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Wednesday, November 27th, 1940.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff,
November 11th, 1940.

Lancashire County Council.
BIDDULPH GRANGE ORTHOPÆDIC HOSPITAL.

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of RESIDENT SENIOR HOUSE SURGEON (B2) now vacant, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a minimum period of six months. The salary is at the rate of £300 per annum, together with board, residence, and laundry.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to Dr. F. HALL, School Medical and Child Welfare Department, County Offices, Preston, not later than the 30th November.

GEORGE ETHERTON, Clerk of the County Council.

County Offices, Preston, 7th November, 1940.

Redruth Hospital, Cornwall.

HONORARY SURGEON required. Applicants should hold M.S. or F.R.C.S. and must reside in district.

Applications, stating age, with two testimonials, must reach Secretary before November 30th.

Redruth Hospital.

Chesterfield and North Derbyshire
ROYAL HOSPITAL. (220 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Male registered Medical Practitioners for the appointment of a House Physician (A), including R Practitioners within three months of qualification.

The appointment is for a period of six months, to be commenced 1st December, 1940.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

6th November, 1940.

Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, Medical School and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 29th October, 1940.

Lincoln County Hospital.

The Board of Management invites applications for the office of HONORARY X-RAY MEDICAL OFFICER.

Particulars as to qualifications, &c., may be obtained from the undersigned. The appointment is for the duration of the war and for 12 months afterwards.

The question of a retaining fee for this appointment is under consideration by the Board of Management.

Canvassing is strictly prohibited.

Applications for the appointment, giving particulars of the career of the candidates and accompanied by three testimonials, must be made to me on or before Saturday, 7th December, 1940.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, October, 1940.

University of Oxford.
NUFFIELD DEPARTMENT OF OBSTETRICS AND GYNÆCOLOGY.

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J. A. BEARDSALL, Secretary-Superintendent.

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APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of House Physician (A), to become vacant on January 1st, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

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APPOINTMENT OF RESIDENT ANÆSTHETIST AND EMERGENCY OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of Resident Anæsthetist and Emergency Officer (A), to become vacant on January 9th, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of three months. Salary is at the rate of £130 per annum, with full residential emoluments.

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J. A. BEARDSALL, Secretary-Superintendent.

Royal National Hospital for
CONSUMPTION, VENTNOR, I.O.W.

Applications are invited from registered Medical Practitioners, Male, for the appointment of a RESIDENT MEDICAL OFFICER (A) to become vacant on 24th December, 1940, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of one year. Salary is at the rate of £250 per annum, with full residential emoluments, rising by £25 each half-year to a maximum of £300.

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F. G. SCOTT, Clerk of the Council.

County Hall, Oxford, 19th November, 1940.

Durham County Mental Hospital.

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Department of Health for Scotland.

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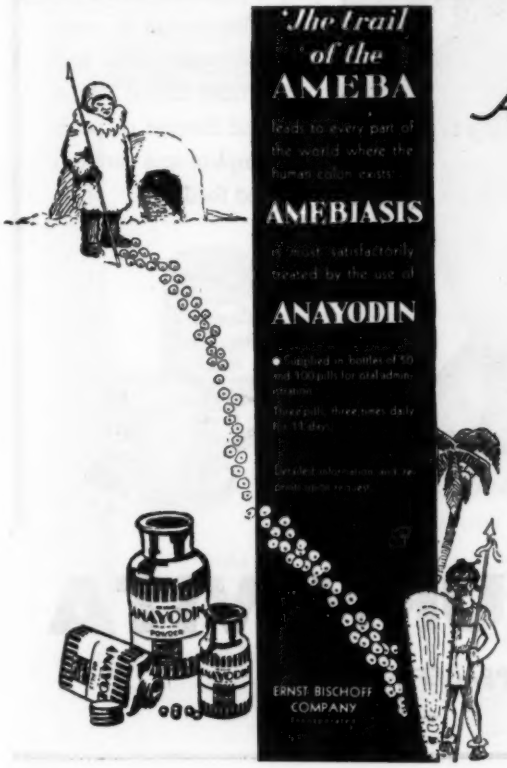

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The simple routine of gargling or spraying the throat and nose with T.C.P. has proved itself invaluable in reducing the incidence of common infections. T.C.P. combines high bactericidal power with stability in the presence of saliva, mucus and pus. T.C.P. is safe, it is neither irritant nor caustic, and may even be used undiluted without harm. Its marked analgesic action is a valuable additional property.

Forestall infection by prescribing the regular use of **T.C.P.**

A clinical sample of T.C.P. will be sent to any Physician, on request to BRITISH ALKALOIDS LTD., 69, OLD BROAD STREET, LONDON, E.C.2.

★ PROSTATIC HYPERTROPHY

The adequate administration of this Company's preparations of the prostate gland, either desiccated in capsules ("Opocaps") for oral administration, or in solution in ampoules ("Opojex") for hypodermic injection, has given excellent results in many cases. Practitioners state that in conditions of frequency of micturition, retention, incontinence, and dysuria these preparations have proved so efficacious that surgical interference has been avoided in most cases.

EXTRACT from LETTER :

I feel very grateful for the successful results that so quickly followed the use of the "Opocaps." Although I have retired from active practice, I assist my fellow medicos from time to time, and have recommended your "Opocaps" to several of my friends and others, and will continue to do so, because of the personal and most successful test I have made of them. L.R.C.P.I., L.R.C.S.

℞ **"OPOCAPS" (No. 21) PROSTATIC (B.O.C.) gr. 3 (Oral)**

Mitte - sig. 1 t.d.s., a.c. (Supplied in boxes of 50 or 100 capsules.)

℞ **"OPOJEX" (No. 73) PROSTATIC (B.O.C.) (for injection)**

Mitte - sig. 1 in die (or dieb. alt. when given concurrently with "Opocaps"). (Supplied in boxes of 6 or 12 ampoules 2 c.c.)

★ BRITISH ORGANOTHERAPY CO., LTD.

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Less Milk –

MORE CALCIUM

While expectant and nursing mothers, children, invalids and convalescents may reasonably expect special consideration, the possible milk shortage recently referred to by the Minister of Food is likely still further to jeopardise the already low calcium intake of wide groups of the adult population.

The shortage can be met effectively and inexpensively by prescribing Complevite which has been expressly designed as a *complete* vitamin and mineral supplement to make good the actual dietary deficiencies—not only of calcium—revealed by recent surveys.

As such deficiencies are almost invariably multiple Complevite goes much further than the restitution of calcium, for it provides, in the one preparation, all the vitamins and minerals usually deficient, in quantities balanced with due regard to their interdependence of action.

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Vitamins A, B_1, C and D
Calcium, Iron and Phosphorus

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CLINICAL RESEARCH HAS REVEALED THAT THE OUTSTANDING ACTION OF THIS FRACTION IS THAT OF CHECKING THE FUNCTIONAL UTERINE HÆMORRHAGE OF MENORRHAGIA AND METRORRHAGIA.

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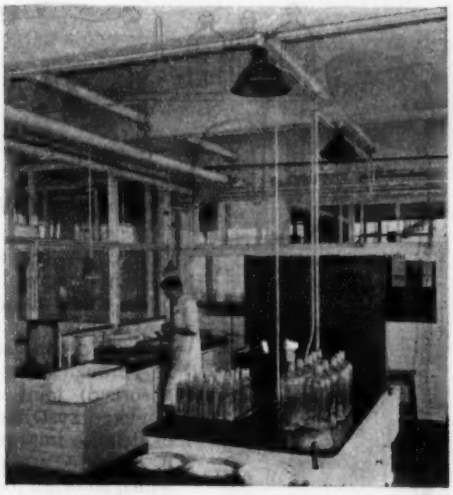
Recent correspondence in the medical press (*Brit. Med. Journ.*, October 12th, 1940, p. 503) has emphasised the fact that '. . . the possibility of epidemics of the typhoid group of fevers has been for some time in the minds of many.'

Protection of individual patients against organisms of the typhoid-paratyphoid group will materially reduce the danger, not only to themselves but to the community at large.

For this purpose T.A.B. Vaccine B.D.H., prepared in the bacteriological laboratories of The British Drug Houses Ltd., is conveniently employed. Two injections each of 1 c.c. are given at an interval of approximately one week.



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A generous sample will be sent upon request

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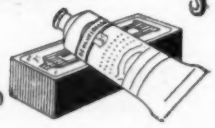

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Under present conditions of restricted supplies of vitamin-containing foods, increased vitamin requirements and impaired absorption, vitamin deficiencies have become more intensified. For correcting these intensified deficiencies, Multivite is the ideal product for young children, adults, convalescents and the aged alike.

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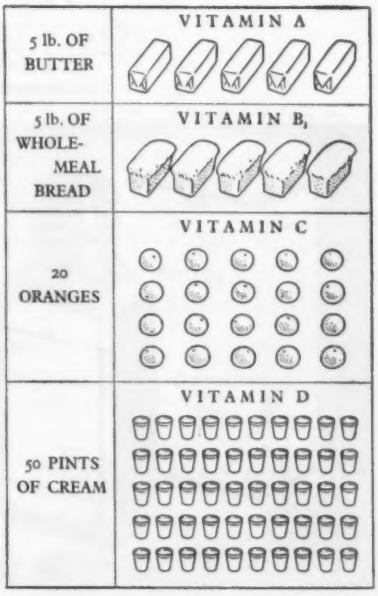

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Each teaspoonful of Calcydic Granules contains—

Dicalcium phosphate 7½ gr.
Vitamin D - 1,500 units
Glucose, Chocolate, and Cane Sugar

These granules may be given to children or adults, prophylactically or therapeutically, in rickets, pregnancy, lactation, osteomalacia, menorrhagia, convalescence, chilblains, and urticaria.

Calcydic Granules are pleasant to take

In tins of ½ lb. at 2/3, and 1 lb. at 4/-

Plus Purchase Tax.

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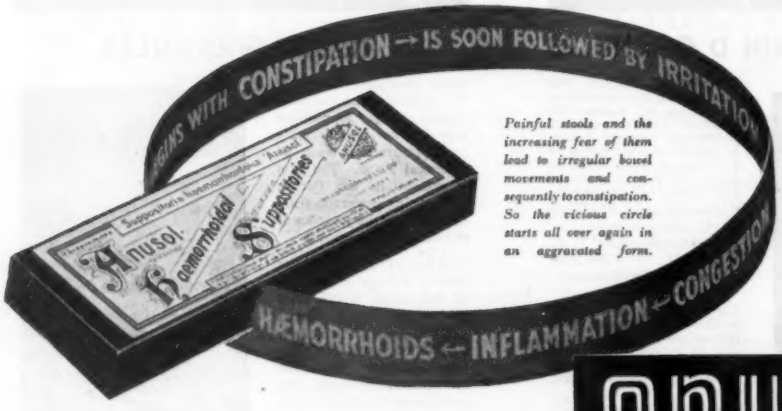
The Vicious Circle in Haemorrhoids Effectively Broken



Painful stools and the increasing fear of them lead to irregular bowel movements and consequently to constipation. So the vicious circle starts all over again in an aggravated form.

In an entirely mechanical and rational way, Anusol Suppositories provide freedom from the distressing symptoms of haemorrhoids and other inflammatory and painful conditions in the ano-rectal region.

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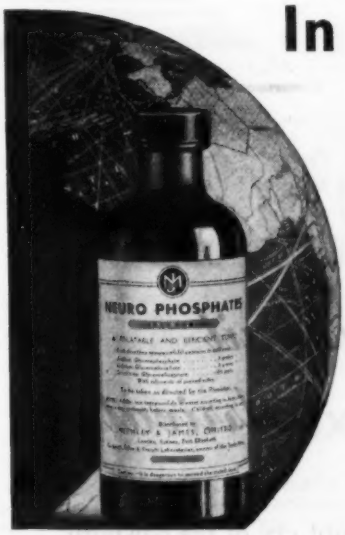

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Neuro Phosphates is a valuable adjuvant to the resolution which enables workers to carry on in spite of strain and over-fatigue. It has a world-wide reputation as a reconstructive tonic for combating impaired vitality, nervous exhaustion, and general debility.

NEURO PHOSPHATES

(ESKAY BRAND)

Each adult dose (two teaspoonfuls) contains in acid state :
Sodium Glycerophosphate .....2 grs.
Calcium Glycerophosphate.....2 grs.
Strychnine Glycerophosphate.....$\frac{1}{24}$ gr.

For speeding up convalescence after illness or operation, Neuro Phosphates is ideal. The formula is simple ; the product is exceptional. May we send you a sample ?

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The nation's work must go on unhampered by epidemics of the common cold. The risks of infection are greatly increased by crowding in air-raid shelters and undue exposure. 'Benzedrine' Brand Inhaler has thoroughly proved its value in arresting the development of colds and in preventing the onset of more serious complications.

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The vapour diffusing throughout the upper respiratory tract, reaches and relieves congestion wherever it is present.

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FOR CHILDREN AND ADULTS

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● The prompt cry of the newborn is a welcome sound in the delivery room. Equally satisfying to the obstetrician is knowledge that labour has progressed normally and that memory of its disagreeable features has been erased from the mind of the mother.

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ELIXIR VITAMINÆ
(HEWLETT'S)

A really palatable tonic Elixir for patients of all ages, designed to restore appetite and provide the necessary minerals and vitamins to promote speedy convalescence. Consisting of Vitamins A and D, Iron, Calcium, Glycerophosphates, &c., in a flavoured syrup containing Glucose. Specially suitable for children.

Doses.—Children, 1 to 2 teaspoonfuls.
Adults, 2 to 4 teaspoonfuls.
To be taken two or three times a day in water.

LIN. BETULÆ CO.
(HEWLETT'S)

Therapeutically equivalent to several times its weight of Sodium Salicylate without causing headache, tinnitus, &c. Has proved most useful in the external treatment of pure Rheumatism, Sciatica, Lumbago, &c. The external dose is about one drachm rubbed over the affected parts.

In 5, 10, 22, 40, and 90 oz. Bottles.

UNG. IODERMIOL TRADE MARK

It has been found most useful for Enlarged Glands, Rheumatic and Gouty Affections, Lumbago, Sciatica, Swollen and Stiff Joints, Skin Diseases, &c.

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Containing about 5% of Iodine, in a stainless non-irritating form, together with 5% Methyl Salicylate. Useful in the treatment of Enlarged Joints, Synovitis, Rheumatoid Affections, &c.

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A valuable stimulant and expectorant cough mixture, containing Carbonate of Ammonium, Ipecacuanha, Senega, Squill, and Syrup of Wild Cherry Bark. Quite free from Morphine, Opium, or poisons, so can be safely administered to children.

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In 22, 40, and 90 oz. Bottles only.

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A favourite and economical cough mixture, containing Hydrobromic Acid, Chlorodyne, Dilute Hydrocyanic Acid, &c. Most successful in allaying post-influenza coughs that are so persistent. One or two ounces diluted with water to make eight ounces forms one of the most effective and elegant mixtures that can be made, and certainly the least expensive.

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A liquid preparation of the Hypnotic Barbitone or Diethyl-Barbituric Acid has long been desired as a useful means of procuring sleep. When given in reasonable doses it is claimed that Veronigen does not produce any toxic symptoms whatever, and in ordinary cases of insomnia one fluid drachm of Veronigen is quite sufficient dose for an adult.

Dose for Adults.—One fluid drachm diluted, about one hour before going to bed.
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A hæmatinic tonic nutritive. Valuable in anæmia, chlorosis and phthisis, etc. Particularly palatable.

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Contains glycerophosphates of calcium, sodium, iron and magnesium. Indicated in nervous disorders, etc.

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Produces no symptons of "iodism," gastric disturbance or constipation. A serviceable preparation in tubercular conditions of glands, bones, joints, etc.

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The most readily assimilated of all inorganic forms of iron. Indicated in anæmic conditions.

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A bone-forming nutrient and digestive. Of proved value in rickets and malnutrition.

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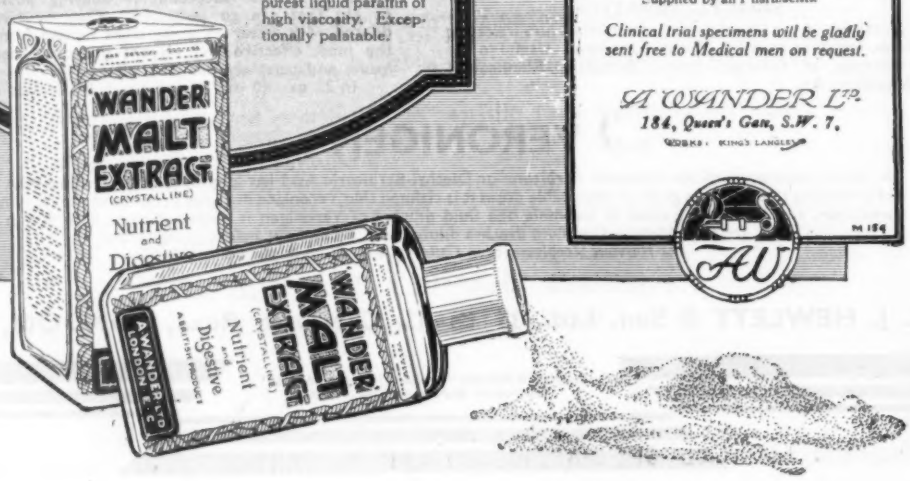
Laxative, nutrient and digestive. Contains 50% of the purest liquid paraffin of high viscosity. Exceptionally palatable.



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THE "Wander" Malt Extract Preparations appeal to the practitioner because of the many acknowledged points of advantage they possess over the usual liquid or semi-liquid products. Their desiccation *in vacuo* renders their concentration definite and secures permanency without necessity of adding the usual preservatives. Their granular crystalline character makes them much more pleasant and economical to handle and to administer. They are also more palatable, and are at once acceptable to children and fastidious patients. The attractive granules flow readily and cleanly from the bottle and do not adhere to measures or spoons.

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Robert Burton
(Anatomy of Melancholy)

..... BUT

Sleep comes easier with

Trade **SONERYL** *Mark*

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CONTAINERS OF 12 AND 25 TABLETS AND BOXES OF SUPPOSITORIES

By prescribing original containers wherever possible, wastage due to repacking is prevented, thus serving the interests of National Economy

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Fully prepared to meet the Nation's Needs

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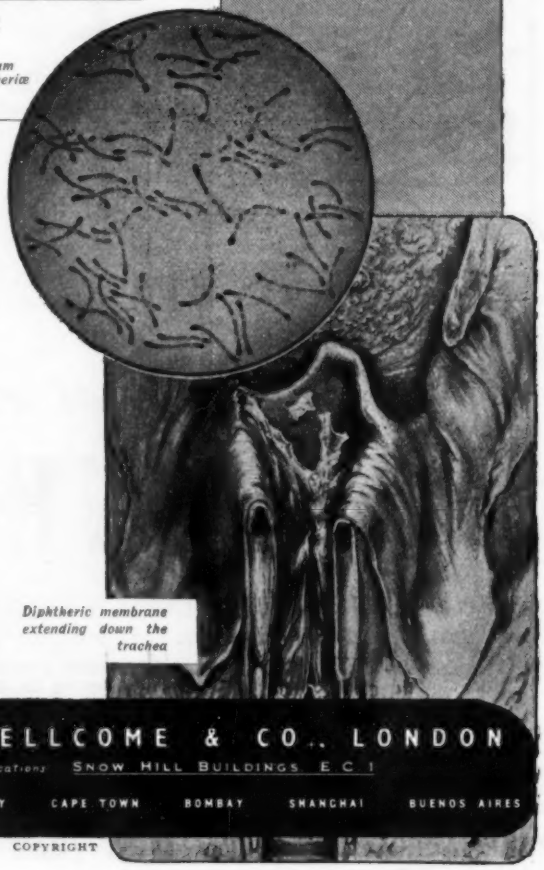
TRADE MARK BRAND

FOR ACTIVE IMMUNISATION

The times call for greater precautions against the spread of diphtheria. Close proximity in crowded shelters and disturbed rest with the accompanying lowered resistance to infections are factors likely to promote increased epidemics. 'Wellcome' Diphtheria Prophylactics are eminently reliable and give a high rate of immunity.

All 'Wellcome' Biological Products are made in this country and supplies for regular or for emergency use are always and instantly available for home or export.

Corynebacterium Diphtheriæ



Diphtheric membrane extending down the trachea

TRADE MARK 'WELLCOME' BRAND A.P.T.

Diphtheria Prophylactic Alum Precipitated Toxoid

Particularly effective in young children. The two dose method has always been advocated.

Containers of 0·5 c.c., 1 c.c. and 5 c.c.

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Sets containing 3 × 1 c.c. ampoules

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Particularly suitable for emergency equipment.

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For Injection.

A sterile solution ready for immediate use.

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NON ADHERENT GAUZE NET

VITAMINIZED AND STERILE

NONAD TULLE is a gauze with a mesh of 2 millimetres and impregnated with 98 parts of soft paraffin, 1 of balsam of Peru, and 1 of halibut-liver oil, that rich source of vitamins A and D.

Dressings made with NONAD TULLE as their foun ation are easily removed, withou pain or bleeding. Through the wide mesh, secretions are easily absorbed by the outer dressings: accordingly dangerous products do not accumulate in the lesion, and it need not be dressed so often as usual.

NONAD TULLE may be used on septic wounds, burns, gangrene, sloughs, varicose ulcers, indolent wounds, operation wounds, pruritic or infective eruptions, and solar or actinic dermatitis.

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In bottles of 40 and 80 oz. for dispensing.
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NEOARSPHENAMINE

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NEOARSPHENAMINE (EVANS) is entirely a British product, being manufactured and tested at The Evans Biological Institute under licence from the Ministry of Health.

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By Inhalation

ADRENALIN 1-100

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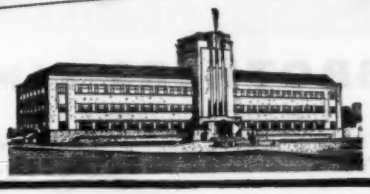

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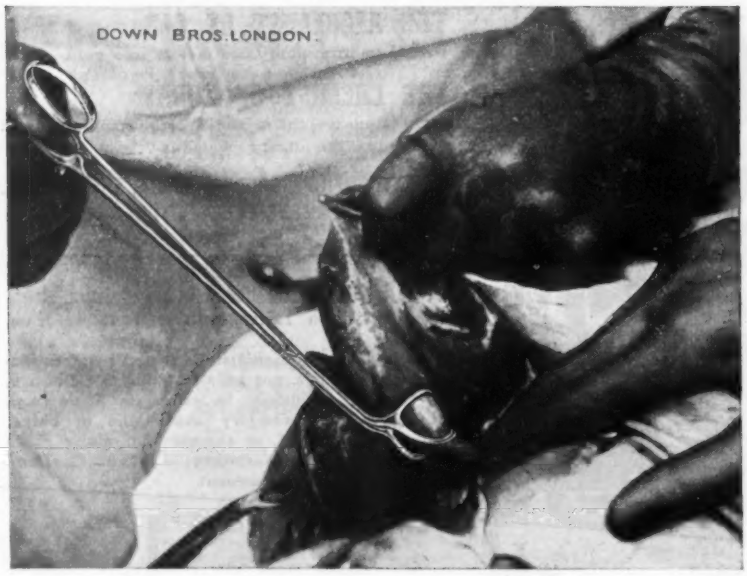

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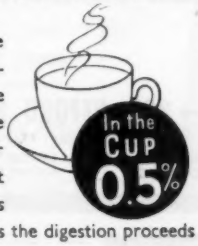

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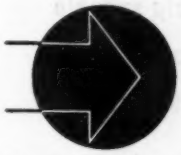

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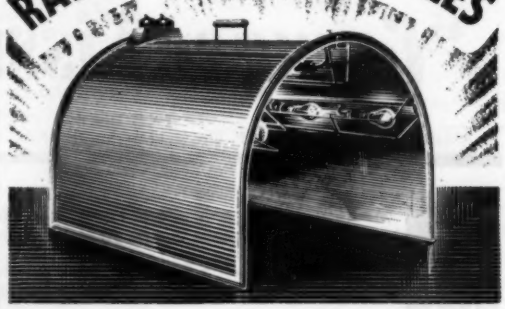

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Particulars can be obtained from Professor S. NEVIN, Honorary Director of the Medical School, The Central Pathological Laboratory, at West Park Hospital, Epsom, Surrey. Telephone No.: Epsom 1408.

Applications for enrolment must be made on or before 16th December, 1940.

Liverpool School of Tropical Medicine.

UNIVERSITY OF LIVERPOOL.

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Arrangements have been made with the London School of Hygiene and Tropical Medicine and with the Colonial Office that, for the duration of the war, courses of instruction in Tropical Medicine and Hygiene will be held alternately in London and Liverpool. The next course for the Diploma in Tropical Medicine, lasting about three months, will be held in Liverpool and will commence on January 7th, 1941.

Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.

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Candidates are required to give notice in writing, not later than December 11th, to the Registrar of the College, to whom all certificates and testimonials required by the Bye-laws must be sent at the same time.

Candidates who propose to submit published work under the regulations now in force should apply in writing to the Registrar, without delay, for detailed instructions as to the procedure they should follow.

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This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gailey* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

Med. Supt.: GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip"

COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach. There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £5 5s. per week upwards.
2nd Class (men and women) 32/- per week.

For further particulars apply: C. EDGAR GRISEWOOD, A.C.A.
Secretary, 20, Exchange Street East, Liverpool, 2

CITY OF LONDON MENTAL HOSPITAL

Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent.
Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

For Mental Cases with or without Certificates.

Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).

For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

The Salvation Army,

THE MOTHERS' HOSPITAL,
Lower Clapton-road, Clapton, E.5.

Applications are invited from Medical Women for the post of SENIOR RESIDENT MEDICAL OFFICER (B2), vacant January 1st, 1940. Salary £150 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than Tuesday, December 3rd, 1940.

FRED. HAMMOND, Secretary.

The Salvation Army,

THE MOTHERS' HOSPITAL,
Lower Clapton-road, Clapton, E.5.

Applications are invited from Medical Women for the post of JUNIOR RESIDENT MEDICAL OFFICER (B2), vacant January 1st, 1940. Salary £80 per annum, with board, residence, and laundry.

The appointment is for six months.

Applications, with testimonials, must be sent to the Secretary not later than Tuesday, December 3rd, 1940.

FRED. HAMMOND, Secretary.

Queen Charlotte's Maternity Hospital,

Goldhawk-road, Hammersmith, W.6.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for the appointments of

ASSISTANT RESIDENT MEDICAL OFFICER (B2),
to commence duties on the 1st January, 1941.

Salary £80 per annum, with full residential emoluments. The Assistant Resident Medical Officer is appointed for three months, and on completion will be expected to apply for the post of Senior Resident Medical Officer (salary £100 per annum), also for three months.

DISTRICT RESIDENT MEDICAL OFFICER (A),
to commence duties on the 1st January, 1941.

Salary £90 per annum, with full residential emoluments and allowance for car. R Practitioners within three months of qualification are invited to apply.

Applications, stating age, qualifications with dates, any previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

These appointments do not exceed six months.

(British subjects.)

SEYMOUR LESLIE, Acting Secretary-Superintendent.

Metropolitan Borough of Islington.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH.
(Temporary.)

Applications are invited from registered Medical Practitioners holding a Diploma in Sanitary Science, Public Health or State Medicine for the whole-time appointment (temporary) of Assistant Medical Officer of Health at an inclusive salary of £650 per annum, with a car allowance of £50 per annum. Subject to satisfactory service, the appointment will be of not less than one year's duration. Duties will consist of regular inspection by day or night as required of the Public Shelters in the Borough and of such other medical service as the Civil Defence Committee may require.

The appointment will be subject to one month's notice on either side and will not confer any rights under the Council's Superannuation scheme.

Applications, together with copies of three testimonials, must be received not later than Friday, 6th December, 1940. The envelope to be endorsed "Assistant Medical Officer of Health."

W. ERIC ADAMS, Town Clerk and A.R.P. Controller.

Town Hall, Upper-street, N.1. 20th November, 1940.

Golden Square Throat, Nose and Ear

HOSPITAL, near Piccadilly Circus, W.1.

CLINICAL ASSISTANTS.

There are vacancies for Clinical Assistants to attend at the following times:—

MONDAYS, 10 A.M. and 2 P.M.
THURSDAYS, 2 P.M. FRIDAYS, 2 P.M.

The posts, which are honorary, afford good opportunities for obtaining extended knowledge of the speciality as the duties consist of assisting the Surgeons in the treatment of patients.

Applications, which may be for periods of three, six, or twelve months, should be sent to the undersigned as soon as possible.

JOHN H. YOUNG, Secretary-Superintendent.

Hospital for Consumption and Diseases

OF THE CHEST, Brompton, S.W.3.

Applications are invited for the following appointments from registered Medical Practitioners, Male and Female, including R Practitioners who now hold A posts.

RESIDENT SURGICAL OFFICER (B2). The appointment is for six months commencing on 1st February. Salary at the rate of £150 per annum, with board and residence, and an additional £25 per annum for services in connection with paying patients.

ASSISTANT RESIDENT MEDICAL OFFICER (B2). Experience in Artificial Pneumothorax essential, and in Ear, Nose and Throat work desirable. Salary at the rate of £150 per annum, with board and residence. The appointment is for six months commencing on 9th February.

HOUSE PHYSICIANS (B2), for which there are 3 vacancies. The duties include work in the Out-patient Department as well as in the wards, and the appointment is for six months commencing on 1st February, with an honorarium of £50.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of one or more recent testimonials, should reach the undersigned not later than Saturday, 7th December, 1940.

F. G. ROUVRAY, Secretary.

Brompton, November, 1940.

Miller General Hospital.

Applications are invited from registered Medical Practitioners, Male, for the appointment of a HOUSE SURGEON (A) to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th December, 1940.

F. J. SCOTT, Secretary.

Miller General Hospital.

Applications are invited from registered Medical Practitioners, Male, for the appointment of RESIDENT OUTPATIENT OFFICER (full-time) (B2) to become vacant on 1st January, 1941. The work consists of Casualty duties, mainly fractures and general minor surgery. R Practitioners now holding A posts may apply, when appointment will be limited to six months. The salary is at the rate of £250 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th December, 1940.

F. J. SCOTT, Secretary.

15th November, 1940.

King Edward Memorial Hospital,

Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1) now vacant. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. (Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.) Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

21st November, 1940.

Hospital of St. John & St. Elizabeth,

60, Grove End-road, N.W.8.

Applications are invited for the post of RESIDENT HOUSE SURGEON (Male) (A), including R Practitioners within three months of qualification. The post is recognised for the degree of M.S. London University. The appointment will be for six months and will commence on 1st January, 1941. Salary at the rate of £150 per annum, with full board. Applications, together with copies of three testimonials, should reach the undersigned by Monday, 9th December.

Applicants will be required to attend a meeting of the Medical Committee on Tuesday, 10th December, at 12 noon, at the Hospital.

F. DUDLEY HOBBS, B.A., Secretary.

The Royal Masonic Hospital,

Ravenscourt Park, W.6.

A post of RESIDENT MEDICAL OFFICER (B1) (Male) will be vacant immediately. Salary at the rate of £300 per annum, with board, residence, and laundry. The appointment is for twelve months. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Candidates must be registered, and must have held resident appointments at a General Hospital. The Institution is primarily for paying patients of both sexes of moderate means, usually unable to afford ordinary nursing home treatment, &c. Military work is being done in addition to the civilian work.

Applications, stating full particulars, to be sent immediately to the Honorary Secretaries, from whom further information may be obtained.

Metropolitan Borough of Wandsworth.

APPOINTMENT OF TWO TEMPORARY ASSISTANT MEDICAL OFFICERS OF HEALTH.

Applications are invited for the appointment of two Temporary Assistant Medical Officers of Health at a salary of £600 per annum, together with an allowance on a mileage basis for use of own car. Candidates must be registered Medical Practitioners holding a registrable diploma in Sanitary Science, Public Health, or State Medicine. The appointments are for whole-time service and the officers appointed will act under the supervision of the Medical Officer of Health. Their duties will consist of frequent and regular inspections by day and by night of public air-raid shelters in the borough and such other duties as the Council may require of them. Forms of application and further particulars and conditions of appointment may be obtained from me.

Applications for the appointment must be received by me not later than 14th December, 1940. All communications must be addressed to the Town Clerk, Municipal Buildings, Wandsworth, S.W.18, the envelope being marked "Temporary Assistant Medical Officer."

By order,
R. H. JERMAN, Town Clerk.

Municipal Buildings, S.W.18, November, 1940.

Non-resident Surgeon (Grade 1) (B1)

required by Middlesex County Council for Hillingdon County Hospital near Uxbridge, Middlesex (to live near hospital). Must be registered Medical Practitioners (including suitably qualified R Practitioners holding B2 or B1 appointments) of high qualifications and professional attainments and have devoted time wholly or chiefly to practice of surgery. Salary £1000 × £50 – £1500 p.a. Appointment—senior in Council's general hospital service; unestablished for duration of war, subject to medical examination and three months' notice. Whole-time duties under Medical Superintendent (including teaching students and such other duties as Council may direct). Salary inclusive, other fees received must be paid to the Council. Application stating age, nationality, qualifications with dates, experience and details of previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing, directly or indirectly, will disqualify. Closing date 7th December.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

The Hostel of St. Luke, Clergy

NURSING HOME, 14 Fitzroy Square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male), British nationality, for the appointment of Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and recent post, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 20th December, 1940.

J. A. CAMPBELL, Surgeon-Captain, N.R. retired, Secretary.

The South London Hospital for Women,

Clapham Common, S.W.4.

Applications are invited from Medical Women for the undermentioned appointment:—

HOUSE SURGEON,

for a period of six months from 1st December. Salary at the rate of £100 per annum, with full residential emoluments.

Candidates are requested to call on members of the Honorary Medical Staff, and applications, stating age, nationality, qualifications with dates, and accompanied by copies of three recent testimonials, should reach the Secretary at the Hospital as soon as possible.

Queen Mary's Hospital for the East

END, Stratford, E.15.

Applications are invited from fully qualified and registered Medical Men, including R Practitioners within three months of qualification, for the following post:—

HOUSE PHYSICIAN (A). Salary £200 per annum.

The appointment will be for six months, commencing immediately.

Candidates, who must be single, should send applications, together with copies of testimonials, to the undersigned forthwith.

BERNARD T. HEMPEL, Captain, Chairman.

Metropolitan Hospital, London, E.8.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Surgeon (A), vacant now, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months.

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

FRANK JENNINGS, House Governor and Secretary.

Metropolitan Borough of Paddington.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners for temporary appointment as Assistant Medical Officer at an inclusive salary of £600 a year. The officer appointed will be required to devote the whole of his time under the direction of the Medical Officer of Health to the duties of his office, which will consist of constant day and night inspection of public shelters in the Borough and of such other medical services as the Council's Emergency Committee may require of him.

The appointment is subject to one month's notice on either side, and does not confer any rights under the Council's Superannuation Acts.

Applications, together with copies of three testimonials, must reach the undersigned not later than 12 NOON on Saturday, 7th December, 1940, with the envelope endorsed "Assistant Medical Officer."

W. H. BENTLEY, Town Clerk and A.R.P. Controller.

Town Hall, Paddington, W.2.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

The Wimbledon Hospital,

Copse Hill, S.W.20.

The Executive Committee invite applications to fill the vacancy for an HONORARY CONSULTING OPHTHALMIC SURGEON on the visiting staff.

Applications should reach the Hon. Secretary not later than 18th December, 1940.

St. Mark's Hospital for Cancer, Fistula,

AND OTHER DISEASES OF THE RECTUM, City Road, London, E.C.1.

HOUSE SURGEON (MALE) (B2) REQUIRED. Must be fully qualified.

Duties to commence 1st February, 1941. R Practitioners holding A posts may apply, when appointment will be limited to six months.

Applications, with copies of testimonials, must reach the Secretary (from whom further particulars as to salary, &c. may be obtained) not later than 10 A.M. on 31st December, 1940.

Battersea General Hospital, London.

(30 Beds.)

APPOINTMENT OF HOUSE OFFICER (A).

Applications are invited for registered Medical Practitioners, Male or Female, including R Practitioners within six months of qualification. If held by an R Practitioner appointment will be limited to 6 months, otherwise it will be for a period of six months with the possibility of renewal for a further period. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be sent to the Secretary at the Hospital as soon as possible.

Birmingham and Midland Eye Hospital.

(114 Beds).

Applications are invited from duly qualified Medical Practitioners for the post of HOUSE SURGEON (preferably Female) (B2) at the above Hospital. Salary £130 per annum (rising to £150 at the end of six months' satisfactory service) and £10 laundry allowance. R Practitioners holding A posts may apply, when the appointment will be limited to six months. The resident staff consists of a Resident Surgical Officer and three House Surgeons.

Applications, with testimonials and evidence of registration, should be forwarded to the House Governor immediately.

Church Street, Birmingham, 3.

County Borough of Rotherham.

OAKWOOD HALL SANATORIUM.

ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners, including suitably qualified R Practitioners holding B2 or B1 appointments, for the post of Assistant Medical Officer. Candidates must be unmarried and of British nationality. Previous experience in the treatment of tuberculosis, while being an additional qualification, is not regarded as essential.

The duties are those of Resident Medical Officer at Oakwood Hall Sanatorium (100 Beds), together with other work as required at the Fever Hospital or in other departments.

The salary is £350 per annum, with board, residence, and laundry. The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and is terminable at any time by two months' notice on either side.

Forms of application may be obtained from the Medical Officer of Health, Municipal Offices, Rotherham, and must be returned to the undersigned, endorsed "Assistant Medical Officer, Oakwood Hall Sanatorium," not later than NOON on Tuesday, 10th December, 1940.

Canvassing will be deemed a disqualification.

CHAS. L. DES FORGES, Town Clerk.

Municipal Offices, Rotherham.

Blackburn Royal Infirmary.

(244 Beds—5 Residents.)

(1) Appointment of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on January 6th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £250.

(2) Appointment of a HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Physician (A), including R Practitioners within three months of qualification. The House Physician is also attached to the Eye, Ear, Nose, and Throat Department. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

T. DEWHURST, General Superintendent and Secretary.

Royal Infirmary, Blackburn.

County Borough of Walsall.

MANOR HOSPITAL.

JUNIOR ASSISTANT MEDICAL OFFICER (FEMALE).

Applications are invited from registered Medical Practitioners, Female, for the above appointment. Salary £150 per annum, together with the usual residential emoluments.

The person appointed will be required to act under the general direction of the Medical Superintendent, especially in the Medical Wards and for relief in the new Maternity Department of 30 Beds. There are 330 Beds in the Hospital, which is a teaching school and has a consultant staff.

Applications, stating age, professional qualifications, and experience, together with copies of three recent testimonials, should be sent to the Medical Officer of Health, Council House, Walsall, as early as possible.

City of Leicester Isolation

HOSPITAL.

RESIDENT MEDICAL OFFICER.

Resident Assistant Medical Officer (B2) (Male) required for the City Isolation Hospital and Sanatorium, Groby-road.

Appointment for a period of six months, renewable if service is satisfactory for a further six months. R Practitioners holding A posts invited to apply, when appointment will be limited to six months.

Salary at the rate of £300 per annum, with the usual residential emoluments. The officer appointed may be required to assist with infant welfare work.

Applications, on forms to be supplied, to be sent to the undersigned immediately.

E. K. MACDONALD, Medical Officer of Health.

Health Offices, Grey Friars, Leicester, November, 1940.

Bexhill Hospital, Bexhill - on - Sea.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a RESIDENT MEDICAL OFFICER (A) to become vacant early in December, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months, otherwise it will be for a period of from six to twelve months. Salary at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

P. E. WINDO, Secretary.

27th November, 1940.

Northampton General Hospital.

(381 Beds.)

Applications are invited from registered Medical Practitioners (Male or Female) and R practitioners within three months of qualification, for the appointment of
HOUSE SURGEON (A) TO THE EAR, NOSE, AND THROAT DEPARTMENT.

If held by an R Practitioner, the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence and laundry.

Candidates must be of British nationality.

Applications, stating age, qualifications with dates, with copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

18th November, 1940.

Department of Health for Scotland.

VACANCY FOR MEDICAL OFFICER.

The Department are prepared to receive applications from registered Medical Practitioners (Men and Women) for a Medical Officer post at HEADQUARTERS (EDINBURGH).

Applicants must hold the Diploma in Public Health or equivalent qualification, and for this appointment weight will be given to expert knowledge and experience in relation to tuberculosis, venereal disease, and general and fever hospital services.

Applicants must be not more than forty-five years of age on the 1st December, 1940.

Remuneration will be £750 per annum, by annual increments of £30 to £1200 per annum.

Further particulars and forms of application may be obtained from the Secretary, Department of Health for Scotland, St. Andrew's House (Room 31), Edinburgh, 1.

Applications should reach the Department not later than the 9th December, 1940: any received after that date will not be considered.

Preston and County of Lancaster

ROYAL INFIRMARY.
GENERAL HOSPITAL (404 Normal Beds.
Plus 107 Temporary Beds).

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer now vacant. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding an F.R.C.S. Diploma. Suitably qualified Practitioners, including R Practitioners holding B2 or B1 appointments, are invited to apply. The salary is at the rate of £350 per annum, with board, residence, and washing.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to Mr. JOHN GIBSON, F.H.O.A., J.P., Superintendent and Secretary, Royal Infirmary, Preston.

City of Portsmouth.

SAINT MARY'S HOSPITAL (1275 Beds.)

Applications are invited for the immediate appointment of JUNIOR ASSISTANT RESIDENT MEDICAL OFFICERS (A Posts).

Applicants may include R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with residential emoluments valued at £125 per annum.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937.

Application forms may be obtained from, and must be returned to, the Medical Officer of Health, Northern Secondary School, Portsmouth, forthwith.

F. J. SPARKS, Town Clerk.

The Guildhall, Portsmouth, 22nd November, 1940.

City of Birmingham.

ROMSLEY HILL SANATORIUM. (120 Beds.)

RESIDENT ASSISTANT MEDICAL OFFICER
(MALE OR FEMALE).
A Post.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for a Resident Assistant Medical Officer (Male or Female), A post. Candidates must be unmarried and have held resident hospital appointment since qualifying. Experience in the diagnosis and treatment of tuberculosis will be a recommendation.

The appointment will be limited in the first instance to six months, and, subject to satisfactory service, may be extended for a further six months. If held by an R Practitioner the appointment will be for a period of six months. The salary will be at the rate of £240 per annum for the first six months and £275 per annum for the second six months, with board and residence in each case.

Forms of application may be obtained from the Medical Superintendent, Romsley Hill Sanatorium, Halesowen, near Birmingham, and should be returned to him not later than Thursday, 5th December, 1940.

F. H. C. WILTSHIRE, Town Clerk.

County Borough of Rochdale.

APPOINTMENT OF TEMPORARY RESIDENT
MEDICAL OFFICER (B1).

The Health Committee invite applications from fully qualified registered Medical Practitioners for the temporary appointment of Senior (Male) Assistant Resident Medical Officer at the BIRCH HILL HOSPITAL (475 Beds, Medical, Surgical and Children and Maternity). Suitably qualified R Practitioners holding B2 or B1 posts are invited to apply.

Previous hospital experience, including Maternity and Surgical work, is essential.

The appointment will include certain services in connexion with the adjoining Public Assistance Institution.

The salary will be at the rate of £350 per annum, rising by annual increments of £25 to £450 per annum, together with board, residence, and laundry (emoluments valued at £100 per annum). In the case of a married man, emoluments will not include board but will include an unfurnished house and laundry.

Applications must be made on the prescribed forms, which may be obtained on application to the Medical Officer of Health, Baillie-street, Rochdale, and returned addressed to him not later than Thursday, the 5th December, 1940.

HARRY BANN, Town Clerk.

Town Hall, Rochdale, 15th November, 1940.

Chesterfield and North Derbyshire

ROYAL HOSPITAL.
(220 Medical and Surgical Beds—226 War Emergency Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Male Medical Practitioners for the appointment of a House Surgeon (A), to commence immediately, for a period of six months, including R Practitioners within three months of qualification. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials should be sent to the undersigned as soon as possible.

M. H. BOONE, House Governor and Secretary.

13th November, 1940.

Wolverhampton and Midland Counties

EYE INFIRMARY.

HOUSE SURGEON (B2) wanted. Ophthalmic experience preferred. Duties to commence at the beginning of January, 1941. There are 70 Beds for In-patients and large Out-patient Department. Salary £200 a year, with furnished apartments, board, and laundry.

Ladies and gentlemen, who must be registered Medical Practitioners, applying should state age and experience, and send copies of three recent testimonials to reach the Secretary not later than first post on 2nd December. R Practitioners are invited to apply when appointment will be limited to six months. The Eye Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

Clayton Hospital, Wakefield.

APPOINTMENT OF RESIDENT SURGICAL OFFICER
(B1).

Applications are invited from registered Practitioners for the appointment of Resident Surgical Officer, to become vacant early in January. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £250 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 7th December, 1940.

Please also state when free to take up appointment.

T. F. W. MACKEOWN, Secretary-Superintendent.

Manchester Royal Infirmary.

The Board of Management of the Manchester Royal Infirmary invite applications from registered Medical Practitioners (Male and Female) for the following A appointments for six months, at salaries of £50 per annum:—

(a) Vacant on 8th and 22nd January:
- 12 HOUSE SURGEONS to GENERAL SURGICAL UNITS, and for Casualty and Out-patient work.
- 2 HOUSE SURGEONS to AURAL, GYNÆCOLOGICAL, OPHTHALMIC, and DERMATOLOGICAL DEPARTMENTS.
- 2 HOUSE SURGEONS to ORTHOPÆDIC DEPARTMENT.
- 4 HOUSE PHYSICIANS.

(b) Vacant on 15th February:
- 1 HOUSE SURGEON to NEURO-SURGICAL DEPARTMENT.

Applications will be considered from both R and non-R Practitioners. The appointments are subject to the provisions of the Bye-laws as to notice, &c., and the salary includes board, residence, and allowance for laundry.

Applications, stating age, qualifications, and nationality, to be sent to the Chairman of the Medical Board not later than 14th December, 1940.

By Order,
F. J. CABLE, General Superintendent and Secretary.

23rd November, 1940.

The Royal Infirmary, Bradford

RESIDENT MEDICAL OFFICER AND ASSISTANT PATHOLOGIST (B1 post) (Male, single) required at an early date. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Twelve months' appointment. Salary £250 per annum, with board, residence, and laundry.

There are 115 Medical Beds and two House Physicians.

The successful applicant will be required to act as Assistant to the Pathologist.

Applications, stating age, nationality, qualifications, and previous experience, with copies of not more than three recent testimonials, should be received by the undersigned as soon as possible.

H. TRUSSON, House Governor and Secretary.

20th November, 1940.

Salop Mental Hospital, Shrewsbury.

A TEMPORARY ASSISTANT MEDICAL OFFICER (B1) is required at the above Hospital. Salary £550 per annum (inclusive), plus £50 per annum if in possession of the D.P.M. A house is available, and it is probable that, if required, furniture can be arranged for. Previous experience not essential. Suitably qualified R Practitioners holding B2 or B1 appointments invited to apply.

Applications, with copies of three recent testimonials, are to be forwarded to the Medical Superintendent before December 12th.

Aberdeen Royal Infirmary.

Applications are invited from registered Medical Practitioners for the appointment of (a) GENERAL SURGICAL OFFICER (B1) and (b) ORTHOPÆDIC SURGICAL OFFICER (B1), to become vacant on 1st January, 1941, or thereby. Applicants should have held house appointments and have had surgical experience. Preference will be given to candidates holding a higher qualification in surgery. Suitably qualified "R" Practitioners holding B2 or B1 appointments are invited to apply. Salary for each post £350, plus £100 living-out allowance.

Applications (six copies), stating age, nationality, qualifications with dates, and experience, and accompanied by six copies of three recent testimonials, should be lodged with the undersigned not later than 7th December, 1940.

JOHN A. MCCONACHIE, Clerk and Treasurer.

1, Albyn Place, Aberdeen.

Salisbury General Infirmary.

VOLUNTARY HOSPITAL. (225 Beds. 140 Emergency.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Medical Officer to become vacant on 1st December, 1940. Applicants should have held house appointments and had surgical experience. The appointment will be for a period of twelve months. Salary is at the rate of £250 per annum, with full residential emoluments. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

JOHN WILLIAMS, Secretary-Superintendent.

Administrative County of Essex.

ESSEX COUNTY HOSPITAL, BROOMFIELD.

APPOINTMENT OF ADDITIONAL MEDICAL OFFICERS (B1) AND (B2).

The County Council of the Administrative County of Essex invite applications for two vacant appointments at the Essex County Hospital, Broomfield, for the treatment of pulmonary and surgical tuberculosis in men, from registered Medical Practitioners.

Applicants for the first appointment, viz., that of Third Assistant Medical Officer, should have held house appointments and have had experience in the treatment of tuberculosis, particularly surgical tuberculosis in hospital or sanatorium. Suitably qualified Practitioners, including those holding B2 and B1 appointments, are invited to apply. Salary £350, rising, subject to satisfactory service, by annual increments of £25 to £425 per annum, together with the usual indoor emoluments, valued at £160 per annum.

Applicants for the second appointment, viz., that of Junior Resident Medical Officer, should include applications from R Practitioners who hold A posts. The appointment would normally be for a period of one year, but if the successful applicant is an R Practitioner, the appointment will be limited to six months. Salary £250 per annum, together with the usual indoor emoluments valued at £160 per annum.

The successful applicants will be required to pass a medical examination, and in the case of the former appointment, to contribute to the appropriate Superannuation Fund. Both appointments will be subject to the Council's Sick Pay Rules and Regulations, a copy of which will be forwarded upon application.

Applications on the prescribed forms, obtainable from the undersigned, should be addressed to me in an envelope marked "Appointment of Medical Officers" and delivered at the County Hall, Chelmsford, not later than 10 A.M. on Friday, the 6th day of December, 1940.

E. S. HOLCROFT, Clerk of the County Council.

County Hall, Chelmsford, 14th December, 1940.

County Borough of Great Yarmouth.

Applications are invited for the appointment of:

(1) DEPUTY MEDICAL OFFICER OF HEALTH AND ASSISTANT TUBERCULOSIS OFFICER at a salary of £600 per annum, rising by annual increments of £25 to £700 per annum.

The gentleman appointed will, in addition to acting as Assistant Tuberculosis Officer, be required to assist in the general work of the Health Department.

Candidates must have had at least three years' experience of their profession since qualification, be able to show special experience in the diagnosis and treatment of tuberculosis, and must have had special training for a period of not less than six months in a sanatorium. Practical experience in the work of a Tuberculosis Dispensary is essential. Practical experience in Bacteriology would be an advantage. Candidates must also hold a Diploma in Public Health.

(2) ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER at a salary of £500 per annum, rising by annual increments of £25 to £700 per annum.

The gentleman appointed will be required to conduct routine medical inspection in schools, and attend at the various school clinics. In addition, he will be expected to assist in the general duties of a Public Health Department, which includes the treatment and care of patients at the Borough Isolation Hospital, and work under the Maternity and Child Welfare Service.

The holding of a Diploma in Public Health will be considered an advantage.

The gentlemen appointed will not be allowed to engage in private practice, but will be required to devote the whole of their time to the duties of their respective offices, and to act for all purposes under the direction of the Medical Officer of Health.

The successful candidates will be required to pass a medical examination.

Forms of application may be obtained from the undersigned, to whom they should be returned completed, together with copies of not more than three recent testimonials, on or before 6th December, 1940, suitably endorsed.

Both appointments will be subject to the approval of the Ministry of Health, and to the provisions of the Local Government Superannuation Act, 1937.

Canvassing, either directly or indirectly, by or on behalf of a candidate will be a disqualification, and a candidate must disclose in writing whether to his knowledge he is related to any member of, or holder of any senior office under, the Council. A candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

The appointments will be terminable by three months' notice on either side.

FARRA CONWAY, Town Clerk.

Town Hall, Great Yarmouth, 18th November, 1940.

Bootle General Hospital,

LINACRE LANE, BOOTLE, LIVERPOOL, 20.

(131 Beds.)

ONE HOUSE PHYSICIAN.
ONE GENERAL HOUSE SURGEON.
ONE HOUSE SURGEON TO SPECIAL DEPARTMENTS.

Applications are invited from registered Medical Practitioners, Male and Female, for the above (A) appointments, including (R) practitioners within 3 months of qualification.

Appointments are for a period of 6 months from 1st January, 1941, and salary at the rate of £150 per annum with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 4th December, 1940.

A. J. COOPER, Secretary-Superintendent.

City and County of Newcastle upon Tyne.

TEMPORARY APPOINTMENT OF AN ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from registered Medical Practitioners holding a registrable Diploma in Sanitary Science, Public Health or State Medicine, for a temporary whole-time appointment of Assistant Medical Officer of Health at the salary of £600, rising to £750 by annual increments of £37 10s. 0d.

The officer appointed will be employed on general duties in connection with the work of the Health Department.

The appointment is subject to one month's notice on either side and does not carry any rights under the Council's superannuation scheme.

Applicants should not be eligible for military service.

Applications, together with copies of three recent testimonials, should be sent to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

Sussex Maternity Hospital, Brighton.

(65 Beds.)

Applications are invited from registered Medical Practitioners, including R practitioners who now hold A posts, for the appointment of a HOUSE SURGEON (B2) to become vacant on the 1st January, 1941. Salary is at the rate of £130 per annum and £40 per annum car or travelling allowance: full residential emoluments. Six months' appointment. Good experience in midwifery, both intern and district, afforded.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

Buckingham-road, Brighton.

Isle of Ely County Council.

TEMPORARY ASSISTANT COUNTY MEDICAL OFFICER.

Applications are invited from duly qualified persons of either sex for the above-mentioned appointment, at a salary of £600 per annum, rising by annual increments of £25 to £700 per annum. Experience in mental deficiency or refraction work will be considered an advantage. The provision of a car will be required, and travelling expenses will be allowed in accordance with the Council's scale.

The officer appointed will be required to devote his or her whole time to the duties involved. The appointment will be for the duration of the war, or for such other period as may be necessary, and will be subject to one month's notice on either side.

Forms of application may be obtained from the County Medical Officer, County Hall, March, to whom they should be returned, accompanied by copies of not more than three recent testimonials, not later than the 10th December, 1940.

Canvassing directly or indirectly will disqualify.

R. F. G. THURLOW, Clerk of the County Council.

County Hall, March, 23rd November, 1940.

Grimsby and District Hospital.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners for the appointment of a House Physician (A) to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

November 23rd, 1940.

Herefordshire General Hospital,

HEREFORD. (152 Beds.)

Immediate applications are invited from registered Medical Practitioners (Male) for the appointment of a HOUSE SURGEON (A) in charge of CASUALTY and EAR, NOSE, AND THROAT DEPARTMENTS, including R Practitioners within three months of qualification. The appointment will be limited to six months.

Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. W. UPTON, Secretary.

County Borough of Oldham.

THE MUNICIPAL HOSPITAL. (430 Beds.)

APPOINTMENT OF TEMPORARY MEDICAL SUPERINTENDENT.

Applications are invited from registered Medical Practitioners for the position of Temporary Medical Superintendent of the Municipal Hospital. He will also be required to act as Medical Officer to the Westwood Park Institution, which is under control of the Public Assistance Committee. Applicants should have had experience of hospital administration and the possession of one of the higher medical qualifications will be required. The salary will be at the rate of £850 per annum (plus cost-of-living bonus), rising by biennial increments of £50 to £950 per annum, together with £150 per year in lieu of residential emoluments, if residence is not provided. Residence cannot at present be provided in the case of a married man. The appointment is temporary and can be terminated by either party on one month's notice. The person appointed will be required to reside within the Borough and to pass a medical examination and may be required to contribute to the Superannuation Fund of the Corporation. Canvassing or submitting testimonials from members of the Council or of any committee appointed by the Council will be a disqualification.

Application forms and conditions of appointment should be obtained from the Medical Officer of Health, Town Hall, Oldham, and be returned to him endorsed "Medical Superintendent" not later than 28th December, 1940.

T. ALKER, Town Clerk.

A/C4/H, 12th November, 1940.

The Jessop Hospital for Women,

SHEFFIELD.

The Board of Management invite applications for the post of HOUSE SURGEON (Female), commencing 1st January, 1941.

The duties will include the care of Puerperal Sepsis beds which are situated temporarily a few minutes distant from the main Hospital.

Salary £100 per annum, together with board, residence, and laundry.

Membership of a Medical Defence Society is a condition of appointment.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

DAVID OSWALD, Superintendent and Secretary.

Royal Sheffield Infirmary and HOSPITAL.

THE ROYAL INFIRMARY, SHEFFIELD. (470 Beds.)

Applications are invited from registered Medical Practitioners for the post of RESIDENT SURGICAL OFFICER (B1), now vacant. This post is tenable for the period of six months from 1st January, 1941. Applicants should have held house appointments and had experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with board and residence.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. KINGSLEY PEARCE,
General Superintendent and Secretary.

The Royal Infirmary, Sheffield, 6, 12th November, 1940.

The Staffordshire General Infirmary,

STAFFORD.

Applications are invited from registered Medical Practitioners for the appointment of HOUSE SURGEON (B2) to commence duties on the 7th December. Experience in Fracture work an advantage. Salary £175 per annum, with board, residence. R Practitioners holding A posts may apply, when appointment will be limited to six months.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 15th November, 1940.

The Royal Alexandra Hospital for SICK CHILDREN, BRIGHTON.

(100 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who now hold A posts, for the appointment of a HOUSE PHYSICIAN (B2) to commence duties immediately. Salary is at the rate of £150 per annum, with full residential emoluments. The Hospital is recognised for the D.C.H. Diploma and the M.D. Examination, Branch 1. Six months' appointment.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

25th November, 1940.

The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the following posts:—

HOUSE SURGEON (General Surgery) (A), vacant now.
CASUALTY SURGEON (A), vacant now.
HOUSE SURGEON (Fracture and Orthopædic Dept.) (A), vacant 1st January, 1941.

Salary at the rate of £100 per annum, with full residential emoluments.

Also RESIDENT ANÆSTHETIST (B2), vacant now. R Practitioners holding A posts may apply. Salary at the rate of £200 per annum, with full residential emoluments.

All appointments are for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 25th November, 1940.

Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited for the above post from registered Medical Practitioners (Male), including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R Practitioners. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible. R. A. KINGSNORTH, Acting Secretary.

Royal Cornwall Infirmary, Truro.

(185 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A) in charge of the ORTHOPÆDIC AND FRACTURE AND CASUALTY DEPARTMENTS, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

W. E. GRENFELL, Hon. Secretary.

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Hampshire County Council.

WINCHESTER EMERGENCY HOSPITAL.

Required an ASSISTANT RESIDENT MEDICAL OFFICER (B1 post). Salary £350 per annum. Must have held previous hospital appointments and be a capable anæsthetist. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Applications should be received not later than Wednesday, the 11th December, by the County Medical Officer, The Castle, Winchester.

Salford Royal Hospital.

(256 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners within three months of qualification, for the following appointment, HOUSE SURGEON (A), which will become vacant on 20th January, 1941. Salary at the rate of £125 per annum, with full residential emoluments. The appointment is normally for six months.

Applications on the prescribed form should be sent not later than 20th December to the undersigned, from whom further particulars and form of application are obtainable.

H. B. SHELSWELL, General Superintendent and Secretary.

25th November, 1940.

Salford Royal Hospital.

(256 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (B1) which will become vacant on January 20th, 1941. Suitable R Practitioners holding B2 or B1 appointments are invited to apply. Salary at the rate of £125 per annum, with full residential emoluments. The appointment is normally for six months.

Applications on the prescribed form should be sent not later than December 20th to the undersigned, from whom further particulars and form of application are obtainable.

H. B. SHELSWELL, General Superintendent and Secretary.

25th November, 1940.

The Chester Royal Infirmary.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of two HOUSE SURGEONS (A) to become vacant on the 20th and 24th December respectively, including R Practitioners within three months of qualification. The appointment will be for a period of six months. The appointments are approved in connexion with the M.S. (London University) and the F.R.C.S. (Eng.) Examinations. Salary £150 per annum, with board, lodging, and laundry.

Application list closes December 12th.

Application forms may be obtained from

Dr. W. H. GRACE, M.D., F.R.C.P.,
Hon. Secretary, Medical Committee.

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Second-hand Surgical Instruments, Operation Tables, Sterilizers, &c., wanted for War Hospitals. Good price given.—Write details to Box 0415, SAMSON CLARK, 61, Mortimer-street, W.1.

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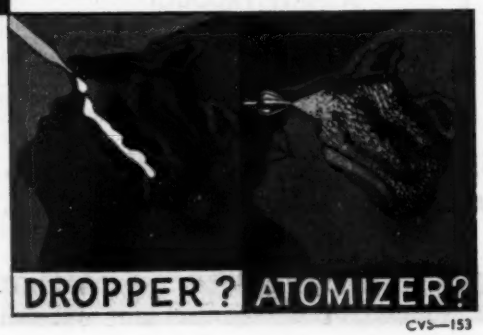

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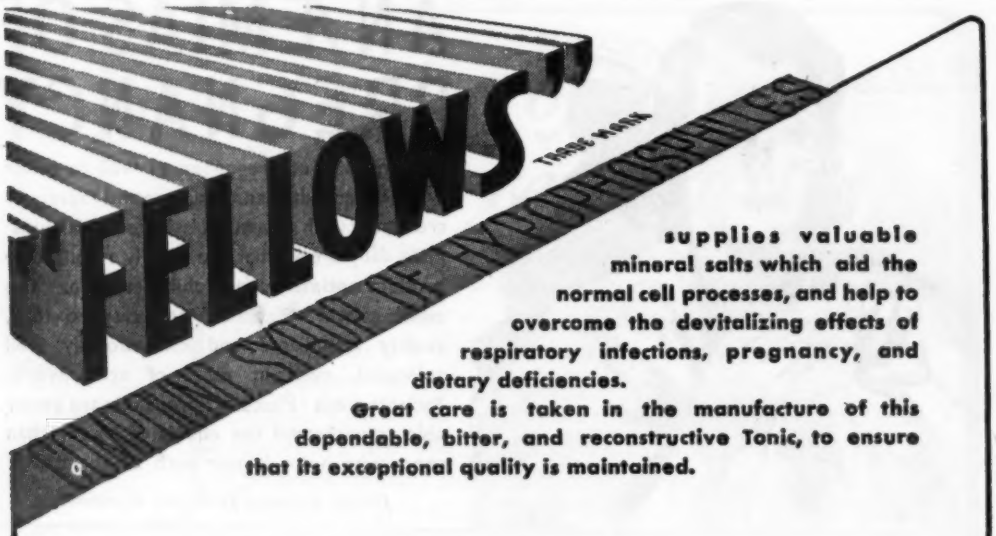

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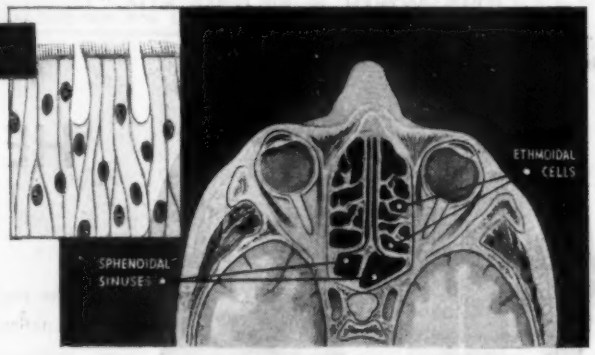

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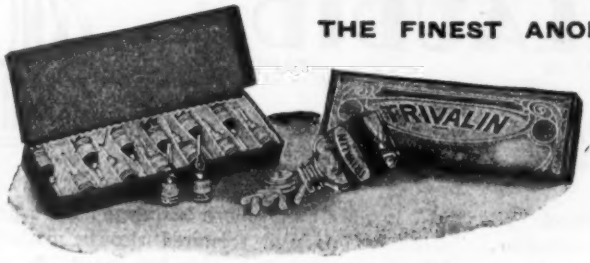

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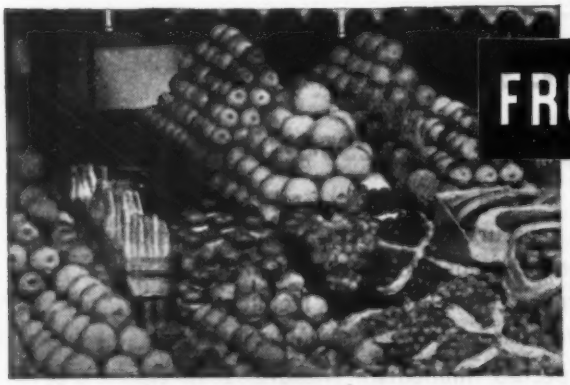

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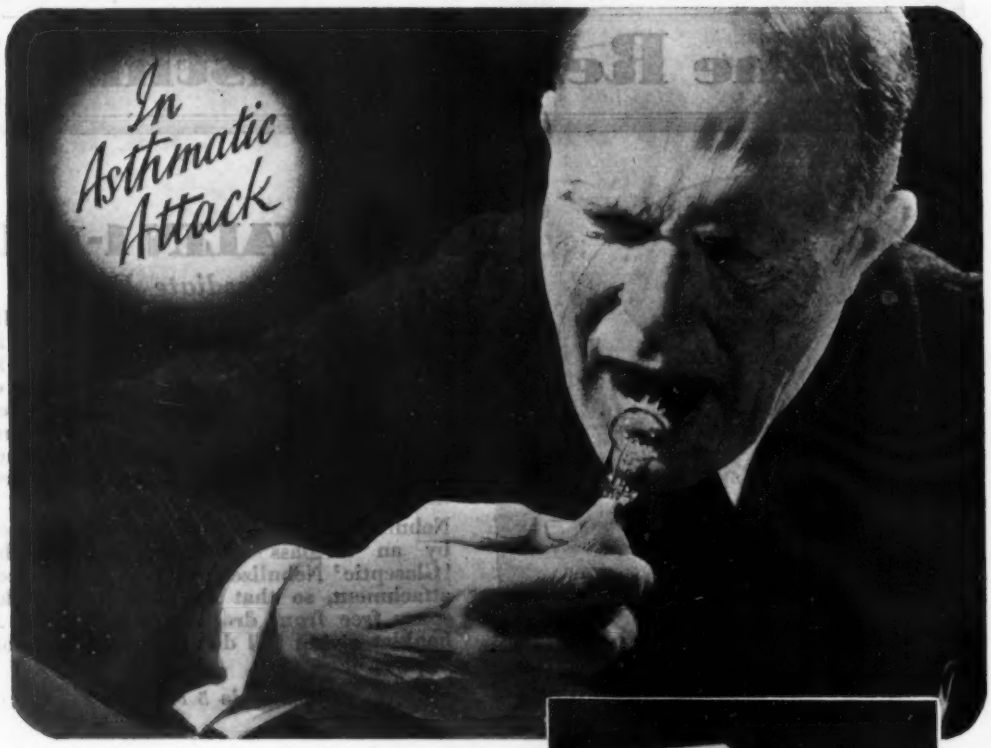

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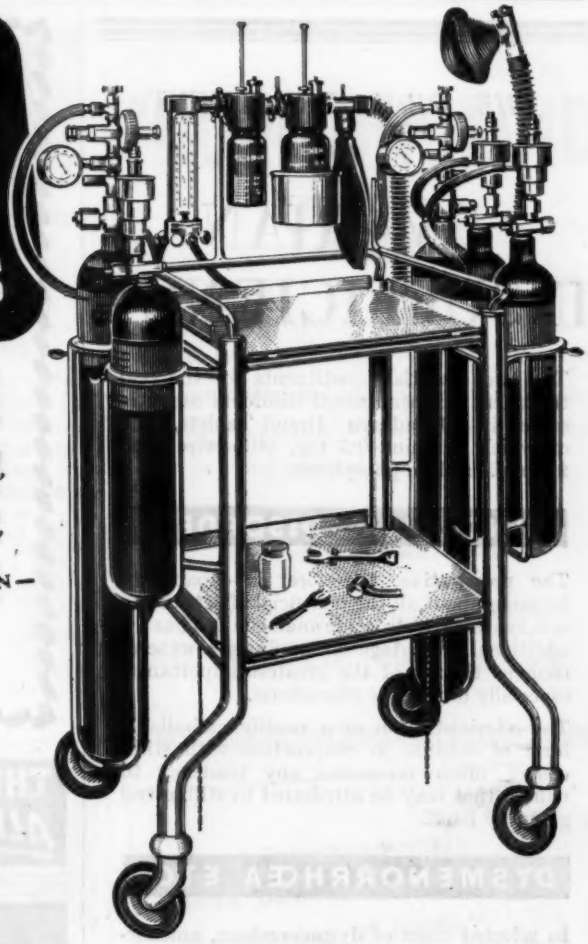

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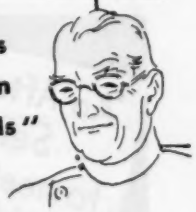

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	FEBRUARY	10, 12, 13.
	MARCH	10, 12, 13.
MEDICINE, PATHOLOGY and FORENSIC MEDICINE:	JANUARY	20, 22, 23.
	FEBRUARY	17, 19, 20.
	MARCH	17, 19, 20.
MIDWIFERY:	JANUARY	21, 22, 23, 24.
	FEBRUARY	18, 19, 20, 21.
	MARCH	18, 19, 20, 21.

Full particulars from the Registrar, Apothecaries' Hall, Black Friars-lane, Queen Victoria-street, E.C.4.

EXECUTORS

When choosing an Executor or Trustee there is much to be said for the individual, but able though he may be, the corporate body has many advantages, the principal of which is that it cannot die before carrying out the terms of the Will.

In undertaking such duties, the Westminster Bank can offer permanence, accessibility, and business knowledge; there is no possibility of loss to the estate by fraud or investment in unauthorized securities, the family solicitor is usually employed, and trusts are administered with fairness, integrity, and sympathy.

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Royal College of Surgeons of England.

ELECTION TO THE COURT OF EXAMINERS.

Notice is hereby given that the Council, on the 13th February, 1941, will elect a Member of the Court of Examiners. Mr. E. K. MARTIN, the retiring Examiner, is eligible, and offers himself for re-election.

Fellows of the College desirous of becoming candidates for the office must make application to the Secretary on or before Monday, 23rd December, 1940.

KENNEDY CASSELS, Secretary.

7th December, 1940.

St. Mary's Hospital Medical School, W.2.

(UNIVERSITY OF LONDON.)

PRIMARY F.R.C.S. COURSE.

A Course of Instruction for the June Examination will begin on TUESDAY, FEBRUARY 4TH, 1941, in the following subjects:—

ANATOMY and EMBRYOLOGY.
PHYSIOLOGY and HISTOLOGY (with Practical classes).

Fee for the course £16 16s. or £9 9s. for either section separately.

For further particulars apply to the School Secretary.

F.R.C.S. (FINAL) COURSES

COMPREHENSIVE REVISION COURSE: Royal Cancer Hospital, January 6th to 31st, 1941, mornings, 9.30 A.M. to 1 P.M. Theoretical and clinical teaching.

PRACTICAL OPERATIVE SURGERY COURSE: Royal Cancer Hospital, January 6th to 31st, 1941, three afternoons weekly.

THEORETICAL ORTHOPÆDIC COURSE: Medical Society of London lecture room, Wednesdays, January 1st, 8th, 15th, 22nd, and 29th, 1941, at 2.30 p.m. Lecture-demonstrations illustrated by X-rays and slides.

CLINICAL ORTHOPÆDIC COURSE: Royal National Orthopædic Hospital, Stanmore. Saturdays, January 4th, 11th, 18th, and 25th, 1941.

Apply FELLOWSHIP OF MEDICINE, 1, Wimpole-street, London, W.1. (LANgham 4266.)

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THE CLINICAL RESEARCH ASSOCIATION, LTD.

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The Consulting Rooms and Laboratories of the Association (established in 1894) are available for all Medical Practitioners, Hospitals and Public Health Authorities desiring Laboratory assistance in the investigation and diagnosis of cases under their care. Apparatus, with full instructions for collection of pathogenic material, will be forwarded immediately on application, or patients may attend at the Association's Consulting Rooms.

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Telephones: TEMPLE BAR 8993 (4 lines). HAYWARDS HEATH 576. Telegrams: "TUBERCLE, RAND, LONDON."
M. CANDELET, Secretary.

Examining Board in England

BY THE
ROYAL COLLEGE OF PHYSICIANS OF LONDON
AND THE
ROYAL COLLEGE OF SURGEONS OF ENGLAND.

Notice is hereby given that the following Examinations will commence on the dates stated below:

DIPLOMA IN PUBLIC HEALTH
MONDAY, DECEMBER 30TH.
DIPLOMA IN MEDICAL RADIOLOGY
MONDAY, JANUARY 13TH.

Candidates who have fulfilled the necessary conditions, and who desire to present themselves for examination, must give notice in writing to the Secretary, Examination Hall, 8–11, Queen-square, London, W.C.1, at least twenty-one days before the date of the Examination, transmitting at the same time such certificates as may be required by the Regulations of the Board.

HORACE H. REW, Secretary.

Liverpool School of Tropical Medicine.

UNIVERSITY OF LIVERPOOL.

COURSES OF INSTRUCTION.

Arrangements have been made with the London School of Hygiene and Tropical Medicine and with the Colonial Office that, for the duration of the war, courses of instruction in Tropical Medicine and Hygiene will be held alternately in London and Liverpool. The next course for the Diploma in Tropical Medicine, lasting about three months, will be held in Liverpool and will commence on January 7th, 1941.

Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.

TREATMENT OF PATIENTS.

There is an outpatient department at the School for all sufferers from diseases contracted in the tropics. Cases needing hospital treatment are admitted to the Tropical Ward (general and private wards) of the Liverpool Royal Infirmary, which adjoins the School. Special arrangements are made for members of H.M. Government, and for members of certain firms who are regular subscribers to the School.

DIPLOMA IN PUBLIC HEALTH
THE ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE

The course of instruction can be commenced at any time. Candidates holding appointments are admitted to Part II Course as part-time students.

A prospectus and further particulars can be obtained from the Secretary. Telephone: Langham 2731–2.
28, Portland-place, London, W.1.

36

PRELIMINARY EXAMINATIONS FOR MEDICAL AND DENTAL STUDENTS

The College of Preceptors holds Preliminary Examinations in March, June, September, and December. For regulations, apply to the Secretary, College of Preceptors, at temporary address, 31 Corkran-road, Surbiton, Surrey.

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Full Particulars upon request to:
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MUSEUM 3665. Estab. 1905.

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For LADIES and GENTLEMEN of Unsound Mind.
Terms moderate. Apply to Resident Medical Superintendent.
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'Phone: BEDFORD 3417. Near BEDFORD
For Mental Cases with or without Certificates.
Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).
For forms of admission, &c., apply to the Resident Physician, CEDRIC W. BOWER.
INTERVIEWS IN LONDON BY APPOINTMENT.

THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.
President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.
Telephone: 64117 Nottingham.

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Special Nurses for Nerve and Mental Cases.

MALE and FEMALE

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Superior trained Nurses for Medical, Surgical, Mental Dipsomania, Travelling and all cases. Nurses reside on the premises and are always ready for urgent calls Day and Night. Skilled Masseuses, Masseurs, and good Valet attendants supplied.
Terms from £3 13 6. *Apply to the Secretary or Lady Supt.*

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Telephones: London, 1277 Welbeck (2 lines). Manchester, 3152 Ardwick. Glasgow, 477 Douglas Dublin, 62006.

Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"

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Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

BETHLEM ROYAL HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS

Monks Orchard, Monks Orchard Road, Eden Park, Beckenham, Kent.

Reg. Tel. Address: BETHLEM, BECKENHAM *Telephone:* SPRINGPARK 1180–1181

Station: EDEN PARK (Southern Railway)

President: VISCOUNT WAKEFIELD OF HYTHE, G.C.V.O., C.B.E., T.D. *Treasurer:* SIR LIONEL FAUDEL-PHILLIPS, Bart.
Physician-Superintendent: J. G. PORTER PHILLIPS, M.D., F.R.C.P.

This REGISTERED Hospital is situated at Monks Orchard in some 250 acres of park, pleasure and farm grounds. Application can be considered on behalf of patients of the educated classes in a presumably curable condition.

With a view to early treatment voluntary or uncertified patients are admitted.

Patients who can contribute 5 guineas weekly towards the cost of treatment and maintenance may be received as vacancies arise. The Committee will also consider applications for admission at lower rates and in certain cases will be prepared to admit patients free of charge.

The comfort of sensitive patients is greatly enhanced by the fact that the majority are given single bedrooms.

TREATMENT ON MODERN PRINCIPLES. Every facility for specialised investigation and treatment is provided in the Lord Wakefield of Hythe Science and Treatment Unit, including RADIOLOGICAL and DENTAL DEPARTMENTS, BIO-CHEMICAL, PATHOLOGICAL and PSYCHOLOGICAL LABORATORIES.

The Medical Staff have access to a panel of Consultants in cases which present unusual symptoms requiring specialised investigation and treatment.

Under the direction of qualified officers HELIO-THERAPY, HYDRO-THERAPY and ELECTRO-THERAPY are administered in the Physio-Therapy Department.

SPECIAL TREATMENT (Insulin, Cardiazol, Triazol, &c.) is given to suitable cases.

OCCUPATIONAL THERAPY in the form of various Arts and Crafts is actively encouraged from the medical aspect and under the guidance of a competent instructress this department has proved most effective as a therapeutic factor in all stages of mental illness.

The promotion of physical fitness is a prominent item of treatment and this is enhanced by arrangements for patients to take part in Outdoor and Indoor Sports and Entertainments, and special attention is drawn to the physical drill and dancing classes which form part of the regular hospital routine.

Application should be made to the Physician-Superintendent.

HOLLOWAY SANATORIUM VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—

The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

THE LAW NURSING HOME
ROCHDALE (Lancs)

Founder: The late SIR A. J. LAW, J.P., M.P.

A Private Hospital, exclusively for the treatment of POST-ENCEPHALITIC PARKINSONISM, PARKINSON'S DISEASE and ALLIED DISORDERS

The Nursing Home is governed by Trustees; any surplus is utilized to help patients who cannot afford full fees. Extensive grounds. Hydro. Expert Massage and Physical re-education. Dietary treatment. Equipped with every laboratory apparatus for the investigation and treatment of the diseases. Results of the BULGARIAN TREATMENT published (*Lancet*, 1939, 1, 693) approx.: 300 patients treated in the last 3 years. Terms moderate. Further particulars apply Medical Superintendent. Tel.: Rochdale 2960.

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There is a steel and concrete Air Raid Shelter with heating and a lift to all floors

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Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to:—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

HAYDOCK LODGE,
NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams: "Alleviated, London" **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

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The New Cheshire Home of MUNDESLEY SANATORIUM

This Modernised Mansion, situated in its own beautiful grounds in the heart of Cheshire, has been taken over, equipped and adapted to provide the high standard of treatment always associated with Mundesley Sanatorium—and more than ever necessary in Wartime. Terms from 6½ to 10½ guineas weekly. Tel.: Winsford 3336.

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Medical and Surgical Staff:
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E. C. WYNNE-EDWARDS, M.B. (Cantab.), F.R.C.S. (Edin.)
GEORGE DAY, M.D. (Cantab.)

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS, NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: DR. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

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First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 6½ Guineas a week inclusive.**

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This Sanatorium is established for the treatment of Tuberculosis of the Lungs and the Pleural Cavities. It is situated in the midst of a large area of park-land at a height of 450 feet above sea-level, on the South West slopes of mountains rising to over 1800 feet, which protect it from north and east winds and provide many miles of graduated walks with magnificent views. Average rainfall 29·57 per annum. Full day and night Nursing Staffs. X-Ray plant. Every facility for Artificial Pneumothorax and for operations on the chest. Electric Lighting. Central Heating. Home Farm. Grade A Milk from T.T. Herd.

For particulars apply to Medical Superintendent.

H. MORRISTON DAVIES, M.D., M.Ch. (Cantab.), F.R.C.S., Llanbedr Hall, Ruthin, N. Wales.

CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

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Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK.

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A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Occupational Therapy, Psychotherapy, and other modern forms of treatment. A.R.P. Shelters.

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For further particulars apply to the MEDICAL SUPERINTENDENT

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A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2048. Station: Chalfont and Latimer.

BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—

Dr. ERNEST ROLLINS, Resident Physician.

Tel.: Amherst 1642.

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Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

ROYAL EARLSWOOD INSTITUTION

REDHILL, SURREY

For MENTAL DEFECTIVES of all ages

Training under medical supervision. Schools, Farm, Trade Workshops, Recreations. Fees £110 to £375 p.a. Election by votes of subscribers at reduced terms for necessitous trainable cases.

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FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.

RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

STRETTON HOUSE,

Church Stretton, Shropshire.

ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

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(Male) (B1) required by MIDDLESEX COUNTY COUNCIL for WEST MIDDLESEX COUNTY HOSPITAL, Twickenham-road, Isleworth, Middx.

Applicants must be registered Medical Practitioners (including suitably qualified R Practitioners holding B2 or B1 posts) who have held resident appointments in general hospitals and had special or surgical experience. Salary £400 by £25 to £475 per annum, board, lodging, and laundry. Whole-time duties such as Council may direct under supervision of Medical Superintendent. Appointment is for four years only, subject to medical examination and one month's notice.

Application, stating age, nationality, qualifications with dates, experience, and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 21st December.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

Connaught Hospital, Walthamstow, E.17. (118 Beds.)

Applications are invited from registered Medical Practitioners, Male, for the following appointments :—

HOUSE PHYSICIAN (A), vacant 1st February, 1941.
HOUSE SURGEON (A), vacant 1st January, 1941.
CASUALTY OFFICER (A), vacant 1st January, 1941.

R Practitioners within three months of qualification may apply, when the appointments will be for the period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

R. HALTON HARRISON, General Secretary.

The Hostel of St. Luke, Clergy NURSING HOME, 14 Fitzroy Square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male and Female), British nationality, for the appointment of Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and recent post, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 20th December, 1940.

J. A. CAMPBELL, Surgeon-Captain, R.N. retired, Secretary.

Hospital of St. John & St. Elizabeth, 60, Grove End-road, N.W.8.

Applications are invited for the post of RESIDENT HOUSE SURGEON (Male) (A), including R Practitioners within three months of qualification. The post is recognised for the degree of M.S. London University. The appointment will be for six months and will commence on 1st January, 1941. Salary at the rate of £150 per annum, with full board. Applications, together with copies of three testimonials, should reach the undersigned by Monday, 9th December.

Applicants will be required to attend a meeting of the Medical Committee on Tuesday, 10th December, at 12 noon, at the Hospital. F. DUDLEY HOBBS, B.A., Secretary.

King Edward Memorial Hospital, Ealing, W.13.

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT MEDICAL OFFICER (B1) now vacant. Applicants should have held House appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. (Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.) Salary at the rate of £275 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of two recent testimonials, should be sent to the undersigned as soon as possible.

R. A. MICKELWRIGHT, House Governor.

21st November, 1940.

Metropolitan Borough of Islington.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH.
(Temporary.)

Applications are invited from registered Medical Practitioners holding a Diploma in Sanitary Science, Public Health or State Medicine for the whole-time appointment (temporary) of Assistant Medical Officer of Health at an inclusive salary of £650 per annum, with a car allowance of £50 per annum. Subject to satisfactory service, the appointment will be of not less than one year's duration. Duties will consist of regular inspection by day or night as required of the Public Shelters in the Borough and of such other medical service as the Civil Defence Committee may require.

The appointment will be subject to one month's notice on either side and will not confer any rights under the Council's Superannuation scheme.

Applications, together with copies of three testimonials, must be received not later than Friday, 13th December, 1940. The envelope to be endorsed "Assistant Medical Officer of Health."

W. ERIC ADAMS, Town Clerk and A.R.P. Controller.

Town Hall, Upper-street, N.1. 20th November, 1940.

The Queen's Hospital for Children, Hackney-road, E.2.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for a SENIOR HOUSE SURGEON (B2) to become vacant on 1st January, 1941. Six months' appointment. Salary at rate of £100 per annum, with board, lodging, and laundry in each case. Candidates must be prepared to participate in the emergency hospital arrangements in connexion with which beds have been reserved and in respect of which additional remuneration is payable.

Applications must be made on forms to be obtained from the undersigned and be sent in, with copies of not more than three testimonials, on or before the 20th December, 1940.

CHARLES H. BESSELL, Secretary.

Queen Mary's Hospital for the East END, Stratford, E.15.

Applications are invited from fully qualified and registered Medical Men, including R Practitioners within three months of qualification, for the following post :—

HOUSE PHYSICIAN (A). Salary £200 per annum.

The appointment will be for six months, commencing immediately.

Candidates, who must be single, should send applications, together with copies of testimonials, to the undersigned forthwith.

BERNARD T. HEMPEL, Captain, Chairman.

St. Mary's Hospital for Women and CHILDREN, Plaistow, E.13.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for RESIDENT HOUSE SURGEON A. Applications are also invited, including R Practitioners now holding A posts, for RESIDENT HOUSE PHYSICIAN B2.

The appointments are for six months, and candidates must be British by birth and nationality. Salary at the rate of £200 per annum, with board and residence.

Applications, with copies of recent testimonials, to be sent as soon as possible to the undersigned.

A. ERNEST WILKES, Secretary.

St. John's Hospital, Lewisham, S.E.13.

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment for six months of a HOUSE SURGEON (A), to become vacant on January 1st next, including R Practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

J. C. GILBERT, Secretary-Superintendent.

The Royal Waterloo Hospital, Waterloo-road, S.E.1.

Applications are invited from registered Medical Practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 18th December, 1940. J. H. TEASDALE, Secretary.

Royal Northern Hospital, Holloway, N.7.

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (B2), to become vacant on January 15th, for a period of six months, including R Practitioners who now hold A posts. Salary is at the rate of £70 per annum, plus extra emoluments and board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 13th December.

GILBERT G. PANTER, Secretary.

Ministry of Pensions.

The Ministry of Pensions requires TEMPORARY HOUSE SURGEONS (B1) for duty in certain of its hospitals in the near future. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. The salary would be £350 per annum including board and quarters (or £100 per annum in lieu thereof). Applications from women registered medical practitioners as well as from men will receive consideration. Further particulars will be supplied on application to the Secretary, Establishment Division, Norcross, Blackpool.

Taunton and Somerset Hospital.

HOUSE SURGEON required end of December. (A) appointment.

R Practitioners within three months of qualification also may apply, when appointment will be limited to six months.

Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, with copies of testimonials, to F. J. J. STACEY, Secretary, Taunton.

County Mental Hospital, RAINHILL, Nr. LIVERPOOL.

TEMPORARY ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Assistant Medical Officer. Eight Guineas per week, with board, lodging, and laundry.

Suitably qualified registered Practitioners holding B2 or B1 appointments are invited to apply immediately, giving full particulars of experience, &c., to the Medical Superintendent, County Mental Hospital, Rainhill, Nr. Liverpool.

30th November, 1940.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Saint Pancras Borough Council.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER (Male or Female).

Applications are invited from registered Medical Practitioners for the post of Assistant in the Public Health Department. The Officer appointed will be required to devote the whole of his or her time to the duties of the office under the direction of the Medical Officer of Health. The duties will be chiefly in connexion with the inspection of public shelters in the Borough, and in regard to health matters arising in connexion with public shelters. Frequent and regular inspection of shelters by day and by night will be required.

The salary will be at the rate of £500 per annum, rising by two annual increments of £50 to £600.

Applicants, in the case of males, should not be under thirty-six years of age and preferably between forty and forty-five.

The appointment will be subject to one month's notice on either side.

Applications, stating age, qualifications, and any commitments to the Fighting Services, together with copies of three recent testimonials, should reach the undersigned not later than the 12th December, 1940.

A. POWELL COKE, Town Clerk.

St. Pancras Town Hall, Euston-road, N.W.1,
3rd December, 1940.

East Suffolk and Ipswich Hospital.

(380 Beds. 8 Residents.)

Applications are invited from registered Medical Practitioners (including R Practitioners within three months of qualification) for the appointment (now vacant) of HOUSE SURGEON (A) to the EAR, NOSE AND THROAT and OPHTHALMIC DEPARTMENTS.

Appointment will be for six months. Salary at the rate of £144 per annum, with full residential emoluments. Hospital is recognised for post-graduate study for Diplomas of D.L.O. and D.O.M.S.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

ARTHUR GRIFFITHS, Secretary.

The Hospital, Ipswich, 7th December, 1940.

Wrexham Emergency Hospital.

APPOINTMENT OF HOUSE SURGEONS (A)
(Two vacancies).

Applications are invited from registered Medical Practitioners (Male) for the appointment of House Surgeons (A) to become vacant immediately, including registered Practitioners within three months of qualification. If held by a registered Practitioner, appointment will be for a period of six months. Otherwise, it will be for a period of one year. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, to be sent to the undersigned by not later than December 16th, 1940.

H. ARWEL THOMAS, County Medical Officer.

County Health Offices, 16, Grosvenor-road, Wrexham.

West Kent General Hospital

(Incorporated), MAIDSTONE.
(250 Beds.)

APPOINTMENT OF TWO HOUSE SURGEONS (B2).

Applications are invited from registered Medical Practitioners (Male) for appointment as House Surgeon (B2) to become vacant on December 20th, including R Practitioners who now hold A posts. If held by an R Practitioner, the appointment will be limited to six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than December 13th.

EDWARD J. GREGG, House Governor and Secretary.

Blackburn Royal Infirmary.

(244 Beds—5 Residents.)

(1) Appointment of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on January 6th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £250.

(2) Appointment of a HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Physician (A), including R Practitioners within three months of qualification. The House Physician is also attached to the Eye, Ear, Nose, and Throat Department. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

T. DEWHURST, General Superintendent and Secretary.

Royal Infirmary, Blackburn.

Royal West Sussex Hospital,

CHICHESTER, SUSSEX.

APPOINTMENT OF JUNIOR HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of Junior House Surgeon, vacant on December 1st, 1940. The appointment will be for a period of six months.

Salary £145 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned.

K. H. WILLIAMS, House Governor and Secretary.

November 28th, 1940.

The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the following post:—

CASUALTY SURGEON (A), vacant now.

Salary at the rate of £100 per annum, with full residential emoluments.

The appointment is for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 2nd December, 1940.

The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.)

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) to become vacant about the middle of December. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £400 per annum, with furnished apartments, board, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of recent testimonials, should be sent to the undersigned.

H. RAYMOND HURST, House Governor and Secretary.

2nd December, 1940.

Royal South Hants and Southampton HOSPITAL.
(319 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on 31st December, 1940, including R Practitioners within three months of qualification. The appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 18th December, 1940.

EDWARD L. WIRGMAN, House Governor and Secretary

Croydon General Hospital.

APPOINTMENT OF CASUALTY HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners including R Practitioners within three months of qualification, for the appointment of a Casualty House Surgeon (A) to become vacant on 1st January, 1941. The appointment will be for six, months. Salary at the rate of £150 per annum, with board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 18th December, 1940.

GEORGE H. DAMS, House Governor and Secretary.

29th November, 1940.

Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, lights and fuel (not board).

Ultra-violet Ray Clinic. The institution is a non-provident one. No beds. No midwifery.

The person appointed will be required to take up duty as early as possible. Appointment for twelve months terminable (then or thereafter) by three months' notice.

Applications, stating age, qualifications, and nationality, and accompanied by copies of recent testimonials, to be sent forthwith to—

E. BREARLEY, Acting Secretary.

5, Thurland-street, Nottingham.

Dewsbury & District General Infirmary,
DEWSBURY. (100 Beds.)

Applications invited for the post of SECOND HOUSE SURGEON (A) (Male), including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary £150 per annum, with emoluments. The duties are principally those of a House Physician and Casualty Officer.

The Infirmary is a modern Voluntary Hospital with usual Special Departments staffed by Visiting Specialists.

Applications, stating age, qualifications with dates, and nationality, together with copies of recent testimonials, to be addressed to Secretary-Superintendent without delay.

Royal Salop Infirmary, Shrewsbury.
(225 Beds.)

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners for the appointment of House Surgeon (A), including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months, otherwise it will be for a period of at least six months. Salary at the rate of £160 per annum, with full residential emoluments. Applications, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. W. NOBLE, Secretary-Superintendent.

Duchess of York Hospital for BABIES, MANCHESTER 19.
(80 Cots.)

Applications are invited for the post of JUNIOR RESIDENT MEDICAL OFFICER (Female) (an A appointment) for six months from January 1st, 1941. Salary at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, to be sent to the undersigned immediately.

LOUISE GILLESPIE, Secretary.

Bedford County Hospital.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a CASUALTY OFFICER (A), to become vacant on 1st January, including R Practitioners within six months of qualification. Appointment for a period of six months. Salary £150 per annum, with full residential emoluments.

Application, stating age, qualifications with dates, and nationality, together with three recent testimonials, to be sent to the Secretary, Hon. Medical Staff Committee, as soon as possible.

Swansea General and Eye Hospital.
(336 Beds.)

Applications are invited for the following vacant appointments :—

(1) RESIDENT ANÆSTHETIST (B2), from registered Medical Practitioners (Male, Single), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Salary £150 per annum for first six months and at rate of £200 per annum for second six months, with full residential emoluments.

(2) HOUSE SURGEON (A), from registered Medical Practitioners (Male, Single), including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

Hospital of St. Cross, Rugby.
(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a Resident Medical Officer (A), vacant on January 2nd, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for a reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A.,
Superintendent and Secretary.

Northampton General Hospital.
(381 Beds.)

Applications are invited from registered Medical Practitioners (Male), and R Practitioners within three months of qualification, for the appointment of CASUALTY OFFICER (A).

If held by an R Practitioner, the appointment will be for a period of six months.

Salary is at the rate of £150 per annum, with board, residence, and laundry.

Candidates must be of British nationality.

Applications, stating age, qualifications with dates, with copies of three testimonials, should be sent to the undersigned as soon as possible.

GORDON S. STURTRIDGE, M.B., B.S., Superintendent.

2nd December, 1940.

Huddersfield Royal Infirmary.
(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to commence duty on January 31st, 1941. Salary £150 per annum, with board, residence, and laundry. Appointment for six months subject to renewal for a similar period. R Practitioners within three months of qualification may apply, when the appointment will be limited to six months. The Hospital is officially recognised for the surgical practice required of non-members before admission to the final Fellowship Examination of the Royal College of Surgeons of England.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

Wolverhampton and Midland Counties EYE INFIRMARY.

HOUSE SURGEON (B2) wanted. Ophthalmic experience preferred. Duties to commence at the beginning of January, 1941. There are 70 Beds for In-patients and large Out-patient Department. Salary £200 a year, with furnished apartments, board, and laundry.

Ladies and gentlemen, who must be registered Medical Practitioners, applying should state age and experience, and send copies of three recent testimonials to reach the Secretary not later than first post on 9th December. R Practitioners are invited to apply when appointment will be limited to six months. The Eye Infirmary is recognised as a hospital at which a full course of instruction for admission to the D.O.M.S. may be taken.

EUSTACE LEES, Secretary.

Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited for the above post from registered Medical Practitioners (Male), including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R Practitioners. Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible. R. A. KINGSNORTH, Acting Secretary.

The Chester Royal Infirmary.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of two HOUSE SURGEONS (A) to become vacant on the 20th and 24th December respectively, including R Practitioners within three months of qualification. The appointment will be for a period of six months. The appointments are approved in connexion with the M.S. (London University) and the F.R.C.S. (Eng.) Examinations. Salary £150 per annum, with board, lodging, and laundry.

Application list closes December 12th.

Application forms may be obtained from

Dr. W. H. GRACE, M.D., F.R.C.P.,
Hon. Secretary, Medical Committee.

Hampshire County Council.

WINCHESTER EMERGENCY HOSPITAL.

Required an ASSISTANT RESIDENT MEDICAL OFFICER (B1 post). Salary £350 per annum. Must have held previous hospital appointments and be a capable anæsthetist. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Applications should be received not later than Wednesday, the 11th December, by the County Medical Officer, The Castle, Winchester.

Sussex Maternity Hospital, Brighton.

(65 Beds.)

Applications are invited from registered Medical Practitioners, including R practitioners who now hold A posts, for the appointment of a HOUSE SURGEON (B2) to become vacant on the 1st January, 1941. Salary is at the rate of £130 per annum and £40 per annum car or travelling allowance: full residential emoluments. Six months' appointment. Good experience in midwifery, both intern and district, afforded.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

Buckingham-road, Brighton.

The Royal Infirmary, Bradford.

RESIDENT MEDICAL OFFICER AND ASSISTANT PATHOLOGIST (B1 post) (Male, single) required at an early date. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Twelve months' appointment. Salary £250 per annum, with board, residence, and laundry.

There are 115 Medical Beds and two House Physicians.

The successful applicant will be required to act as Assistant to the Pathologist.

Applications, stating age, nationality, qualifications, and previous experience, with copies of not more than three recent testimonials, should be received by the undersigned as soon as possible.

H. TRUSSON, House Governor and Secretary.

20th November, 1940.

Derbyshire Royal Infirmary, Derby.

(GENERAL HOSPITAL. 416 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a RESIDENT ANÆSTHETIST (A) to become vacant on the 1st January, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 16th December.

ARTHUR TAYLOR, Superintendent and Secretary.

Bucks County Council.

PUBLIC HEALTH DEPARTMENT.

TEMPORARY HOUSE PHYSICIAN (A)—EMERGENCY MATERNITY HOME.

Applications are invited from duly qualified and registered Medical Practitioners for the post of House Physician at the Emergency Maternity Home, Amersham. This home of 48 beds is set up under the Government Evacuation Scheme, receives all types of maternity cases as well as being the hospital for difficult cases from other homes under this scheme. The successful candidate will be required to devote the whole of his (her) time to the duties of the appointment, and will work under the supervision of the resident obstetric consultant. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

The appointment is a temporary one for six months in the first instance and the salary is at the rate of £200 per annum, with board and residence. Forms of application may be obtained from the County Medical Officer, County Offices, Aylesbury, and should be returned to him, with copies of not more than three recent testimonials, not later than 1st post on Wednesday, December 18th, 1940.

GUY R. CROUCH, Clerk of the County Council.

County Hall, Aylesbury, 3rd December, 1940.

City of Leicester Isolation HOSPITAL.

RESIDENT MEDICAL OFFICER.

Resident Assistant Medical Officer (B2) (Male) required for the City Isolation Hospital and Sanatorium, Groby-road.

Appointment for a period of six months, renewable if service is satisfactory for a further six months. R Practitioners holding A posts invited to apply, when appointment will be limited to six months.

Salary at the rate of £300 per annum, with the usual residential emoluments. The officer appointed may be required to assist with infant welfare work.

Applications, on forms to be supplied, to be sent to the undersigned immediately.

E. K. MACDONALD, Medical Officer of Health.

Health Offices, Grey Friars, Leicester, November, 1940.

The Royal Alexandra Hospital for SICK CHILDREN, BRIGHTON.

(100 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners who now hold A posts, for the appointment of a HOUSE PHYSICIAN (B2) to commence duties immediately. Salary is at the rate of £150 per annum, with full residential emoluments. The Hospital is recognised for the D.C.H. Diploma and the M.D. Examination, Branch 1. Six months' appointment.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

25th November, 1940.

The Jessop Hospital for Women, SHEFFIELD.

The Board of Management invite applications for the post of HOUSE SURGEON (Female), commencing 1st January, 1941.

The duties will include the care of Puerperal Sepsis beds which are situated temporarily a few minutes distant from the main Hospital.

Salary £100 per annum, together with board, residence, and laundry.

Membership of a Medical Defence Society is a condition of appointment.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

DAVID OSWALD, Superintendent and Secretary.

City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

SOUTHMEAD MUNICIPAL GENERAL HOSPITAL.

(1) APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a Junior Assistant Resident Medical Officer (A) to become vacant on the 1st December, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

HAM GREEN HOSPITAL AND SANATORIUM.

(2) APPOINTMENT OF ASSISTANT RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of an Assistant Resident Medical Officer to become vacant on the 1st December. Applicants should have held house appointments. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

R. H. PARRY, Medical Officer of Health,
Department of Public Health, 40, Prince-street,
Bristol, 1, 29th November, 1940.

The Radcliffe Infirmary, Oxford.

Applications are invited from registered Medical Practitioners, Male and Female, for the following appointments to become vacant on the 1st January, 1941:—

One HOUSE PHYSICIAN (B2), including R Practitioners who now hold A posts.

One HOUSE PHYSICIAN (A)
Two HOUSE SURGEONS (A)
One OBSTETRIC HOUSE SURGEON to Nuffield Professor of Obstetrics and Gynæcology (A)
} Including R Practitioners within three months of qualification.

Appointments will be for a period of six months. Salary is at the rate of £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by four copies of three recent testimonials, should be sent to the undersigned not later than Monday, 16th December, 1940.

A. G. E. SANCTUARY, Administrator.

Chorley and District Hospital,

CHORLEY, LANCS.
(Voluntary General Hospital with 100 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), including R Practitioners within three months of qualification, to commence duty in February next. If held by an R Practitioner, appointment will be for a period of six months, otherwise the appointment is renewable for a further period. Salary £150 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Saturday, 4th January, 1941.

C. H. SPENCE, Secretary-Superintendent.

City of Plymouth.

CITY GENERAL HOSPITAL. (635 Beds.)

APPOINTMENT OF JUNIOR ASSISTANT MEDICAL OFFICER (A).

Applications are invited from duly qualified and registered Medical Practitioners (Male and Female), including R Practitioners within three months of qualifying, for the appointment of Junior Assistant Medical Officer (A).

Two vacancies will shortly occur, one on the medical side and the other on the surgical side of the hospital. Candidates having a preference should state for which appointment they wish to be considered.

The appointments will be for a period of six months and will be terminable by one month's notice on either side.

Salary at the rate of £250 per annum, with full residential emoluments. All fees received by the Officer must be refunded to the Council.

Further details may be obtained from the Medical Superintendent.

Forms of application may be obtained from the undersigned and should be forwarded, together with copies of not more than three recent testimonials, not later than Monday, 16th December.

T. PEIRSON, Medical Officer of Health.

The Town Hall, Stonehouse, Plymouth.

Free Eye Hospital, Southampton.

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of HOUSE SURGEON (A), to become vacant immediately, including R Practitioners within three months of qualification. The appointment to be for a period of six months.

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned by an early date.

E. T. KEMP, Secretary.

City of Liverpool.

WALTON HOSPITAL. (1755 Beds.)

APPOINTMENT OF RESIDENT ASSISTANT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male and Female), including R Practitioners who now hold A posts, for the appointment of Resident Assistant Medical Officer (B2) at Walton Hospital.

If held by an R Practitioner, the appointment will be limited to six months, otherwise it will be for a period of twelve months. The salary is at the rate of £200 per annum, with full residential allowances. All fees received in connexion with the appointment to be handed over to the City Council. The appointment will be made in accordance with the Standing Orders of the City Council and will be determinable by one month's notice on either side.

Applications, upon forms obtainable from the Medical Officer of Health, Hospitals Department, Gordon House, Belmont-grove, Liverpool, 6, to be endorsed "Resident Medical Officer" and returned to the undersigned so as to be received not later than 10 A.M. on Monday, 16th December, 1940.

W. H. BAINES, Town Clerk.

Municipal Buildings, Dale-street, Liverpool, 2,
December, 1940.

Isle of Ely County Council.

TEMPORARY ASSISTANT COUNTY MEDICAL OFFICER.

Applications are invited from duly qualified persons of either sex for the above-mentioned appointment, at a salary of £600 per annum, rising by annual increments of £25 to £700 per annum. Experience in mental deficiency or refraction work will be considered an advantage. The provision of a car will be required, and travelling expenses will be allowed in accordance with the Council's scale.

The officer appointed will be required to devote his or her whole time to the duties involved. The appointment will be for the duration of the war, or for such other period as may be necessary, and will be subject to one month's notice on either side.

Forms of application may be obtained from the County Medical Officer, County Hall, March, to whom they should be returned, accompanied by copies of not more than three recent testimonials, not later than the 10th December, 1940.

Canvassing directly or indirectly will disqualify.

R. F. G. THURLOW, Clerk of the County Council.

County Hall, March, 23rd November, 1940.

Royal Cornwall Infirmary, Truro.

(185 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A) in charge of the ORTHOPÆDIC AND FRACTURE AND CASUALTY DEPARTMENTS, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 10th December.

W. E. GRENFELL, Hon. Secretary.

26th November, 1940.

County Borough of Walsall.

MANOR HOSPITAL.

JUNIOR ASSISTANT MEDICAL OFFICER (FEMALE) (A).

Applications are invited from registered Medical Practitioners, Female, for the above appointment. Salary £150 per annum, together with the usual residential emoluments.

The person appointed will be required to act under the general direction of the Medical Superintendent, especially in the Medical Wards and for relief in the new Maternity Department of 30 Beds. There are 330 Beds in the Hospital, which is a teaching school and has a consultant staff.

Applications, stating age, professional qualifications, and experience, together with copies of three recent testimonials, should be sent to the Medical Officer of Health, Council House, Walsall, as early as possible.

Kent and Sussex Hospital, Royal

TUNBRIDGE WELLS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (B2), to become vacant immediately, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

30th November, 1940.

Grimsby and District Hospital.

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners for the appointment of a House Physician (A) to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. B. COATES, Secretary-Superintendent.

November 23rd, 1940.

City of Leicester Education

COMMITTEE.

APPOINTMENT OF AN ASSISTANT SCHOOL MEDICAL OFFICER.

The Committee invite applications for the post of Assistant School Medical Officer to carry out duties connected with the School Medical Service in the City of Leicester under the direction of the School Medical Officer.

The person appointed will be required to devote his/her whole time to the duties of the office.

Salary according to scale, viz., minimum £500 per annum, increasing by annual increments of £25 to maximum of £700. If the officer appointed has served previously under a Local Authority, such service will be taken into account in determining his/her commencing salary.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and in this connexion the candidate appointed must pass an examination by the Committee's Medical Officer.

Application (by letter and accompanied by copies of not more than three recent testimonials) should be forwarded to the undersigned not later than the 14th December, 1940.

H. S. MAGNAY, Director of Education.

Education Department, Newarke-street, Leicester,
30th November, 1940.

Royal Surrey County Hospital,

GUILDFORD. (341 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A) (General Surgery and E.N.T.), vacant on 1st February, 1941.

The appointment is for six months and is recognised for the F.R.C.S. examination. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, experience, nationality, with copies of not more than three testimonials, should reach the Secretary-Superintendent not later than 17th December, 1940.

County of Warwick.

WARWICK HOSPITAL.

APPOINTMENT OF MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Medical Officer at the above Hospital, which is a Hospital included in the Emergency Hospital Scheme. The person appointed will be required to act as Deputy Medical Superintendent and preference will be given to candidates who have had actual experience in hospital administration. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The salary will be at the rate of £700 per annum, in addition to which the person appointed will be granted an allowance of £100 per annum in lieu of residential emoluments.

APPOINTMENT OF HOUSE SURGEONS (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of House Surgeons at Hospitals administered by the Public Assistance Committee in the above County. Applicants may include Practitioners who have registered under the National Service (Armed Forces) Act, 1939, but who are within three months of qualification. All appointments will be limited in the first instance to six months, but in the case of Practitioners who are not registered under the above Act, will be renewable.

Salary £200 per annum, with residential emoluments. If these emoluments are not immediately practicable the authorised allowance at the rate of £100 per annum will be paid.

Applications, stating age, qualifications and dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the Public Assistance Officer, Shire Hall, Warwick.

L. EDGAR STEPHENS, Clerk of the Council.

Shire Hall, Warwick, 26th November, 1940.

County Council of Durham.

HOLYWOOD HALL SANATORIUM, WOLSINGHAM.
(183 Beds.)

ASSISTANT RESIDENT MEDICAL OFFICER (B1).

Applications are invited for the post of Assistant Resident Medical Officer (B1) (Male or Female), at a salary of £350 per annum, with board, residence, and laundry in addition, valued at £150 per annum. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The appointment is in the first instance for a period of twelve months, and will be subject to the regulations for the time being of the County Council relative to the payment of salary in the case of sickness, and will be terminable by one calendar month's notice on either side. If the appointment is extended beyond one year the appropriate increments, in accordance with the Askwith Scale, will be made.

The successful candidate will be required to pass the County Council's medical examination.

Applications, stating age and experience, together with copies of three recent testimonials, to be sent to the County Medical Officer of Health, Shire Hall, Durham, not later than Monday, the 23rd December, 1940.

J. K. HOPE, Clerk of the County Council.

Shire Hall, Durham, 30th November, 1940.

Monmouthshire County Council.

ASSISTANT MEDICAL OFFICER.

The Council invite applications from duly qualified and registered Female Medical Practitioners, not exceeding thirty-five years of age, holding a Diploma in Public Health and State Medicine, for the appointment of Assistant Medical Officer, to undertake mainly the Medical Inspection and Treatment of School-children and Maternity and Child Welfare work.

The salary will be £500 per annum, rising by annual increments of £25 to £750, with third-class rail fares and subsistence allowance according to the Council's scale.

The successful candidate will be required to act under the direction and supervision of the County Medical Officer; to devote whole time to the service of the County Council; and to reside in such place as the Council may determine.

The post is for the period of the war and will be subject to the provisions of the Local Government and Other Officers' Superannuation Act, 1922.

A schedule of the duties to be performed, together with conditions of appointment and a form of application, can be obtained from the undersigned, to whom applications, accompanied by copies of not more than three recent testimonials, are to be sent by the 21st December, 1940.

D. ROCYN JONES, County Medical Officer.

County Hall, Newport, 2nd December, 1940.

Preston and County of Lancaster

ROYAL INFIRMARY.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from Male registered Medical Practitioners for the appointment of House Surgeon (A), including R Practitioners within three months of qualification. Six months' appointment, commencing 1st January, 1941. Nine resident doctors. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, to be forwarded to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.

Oldham Royal Infirmary.

(186 Beds.)

APPOINTMENT OF HOUSE PHYSICIAN (A).

Applications are invited from Registered Medical Practitioners, Male and Female, for the combined post of House Surgeon to the EYE and EAR, NOSE and THROAT DEPARTMENT and House Physician, to become vacant on the 16th January including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months.

Salary is at the rate of £175 per annum with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 21st December, 1940.

F. W. BARNETT, General Superintendent and Secretary.

Richard Murray Hospital, Blackhill,

Co. DURHAM.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE SURGEON (B2 post) to become vacant on 1st March, 1941, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. Preference will be given to those Practitioners who have had experience in a maternity hospital. The salary is at the rate of £200 per annum, with full residential emoluments.

The Hospital has accommodation for sixteen surgical cases and sixteen maternity cases, and is served by a Visiting and Consulting Surgeon and a Visiting and Consulting Obstetrician.

So far as the maternity unit is concerned, the person appointed will be subject to the administrative control of the County Medical Officer of Health.

The duties will include the medical supervision of an adjacent small Convalescent Home for mothers and young children.

Applications, stating age, qualifications with dates, experience, nationality, and present post, and accompanied by copies of not more than three recent testimonials, must be received by the undersigned not later than Saturday, 21st December, 1940.

T. W. ADDISON,
Secretary to the Richard Murray Hospital Joint Board.

Shire Hall, Durham, 30th November, 1940.

City of Portsmouth.

SAINT MARY'S HOSPITAL (1275 Beds.)

Applications are invited for the immediate appointment of JUNIOR ASSISTANT RESIDENT MEDICAL OFFICERS (A Posts).

Applicants may include R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary at the rate of £200 per annum, with residential emoluments valued at £125 per annum.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937.

Application forms may be obtained from, and must be returned to, the Medical Officer of Health, Northern Secondary School, Portsmouth, forthwith.

F. J. SPARKS, Town Clerk.

The Guildhall, Portsmouth, 22nd November, 1940.

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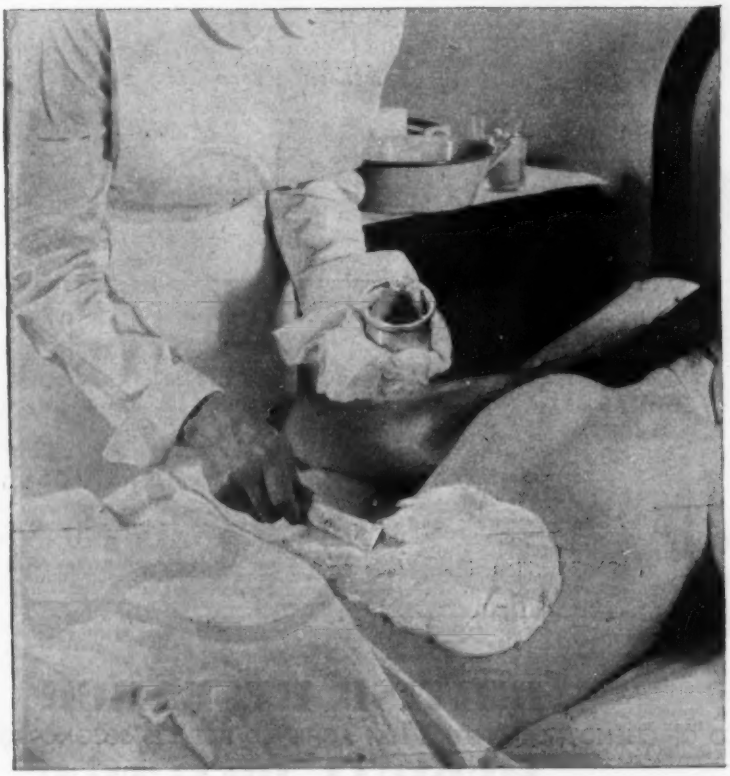

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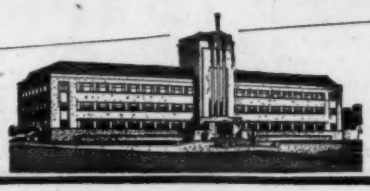

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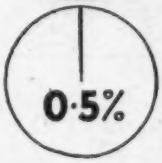

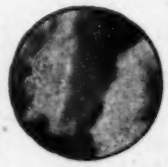

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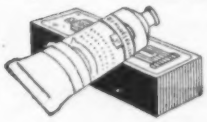

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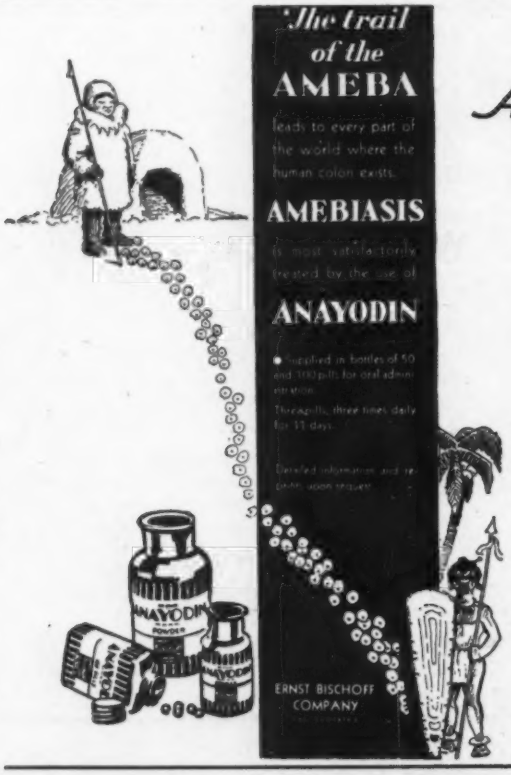

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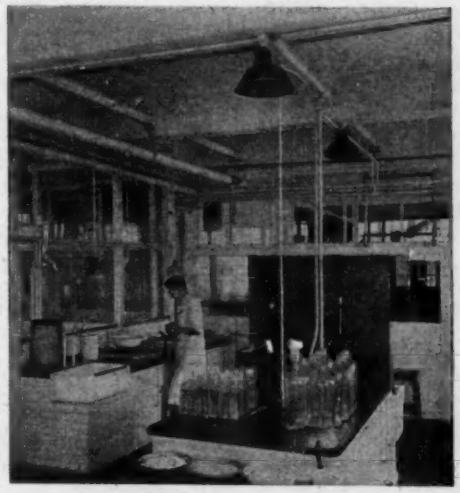

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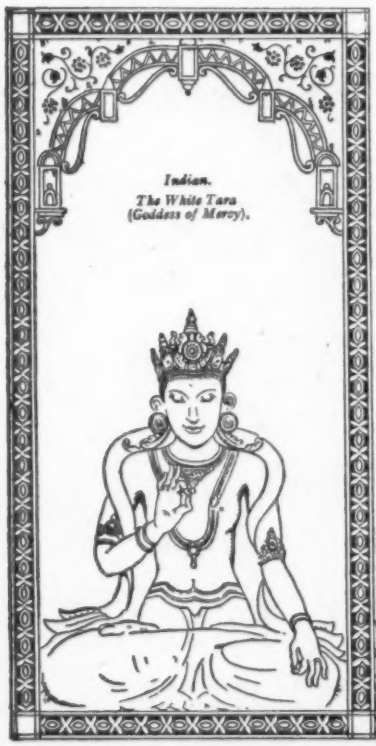

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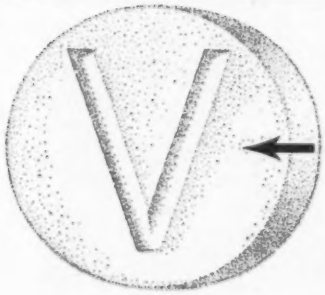

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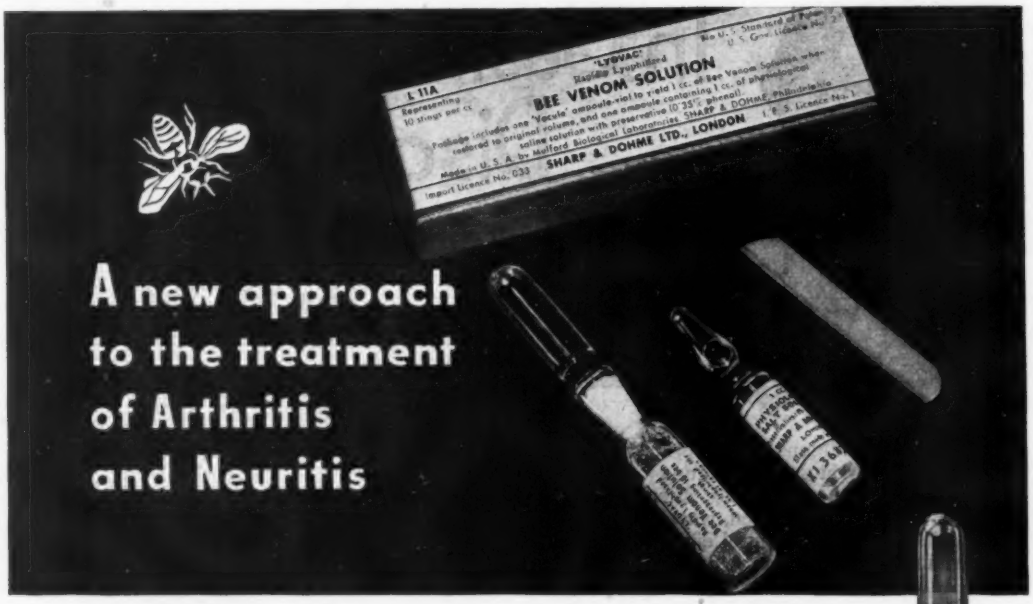

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1. South. Med. & Surg., 100:555, Nov., '38
2. Nabraska M. J., 24:298, Aug., '38

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Leucorrhoea
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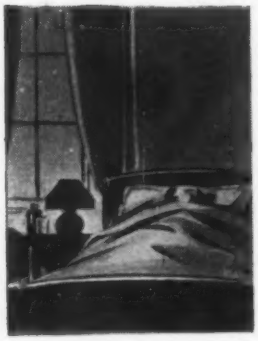
'Aludrox' relieves night pain in gastric ulcer patients



The administration of one half ounce of 'Aludrox' immediately before retiring usually eliminates night pain in gastric ulcer patients. 'Aludrox' controls free HCl and reduces the secretion of gastric juice.

The patients rest more comfortably and sleep more soundly.

Free Clinical specimens on application

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An insistent cough will keep the sufferer—and those who happen to be near him—awake all night. **Crookes' Collosol Bromoform Co.** gives almost immediate relief and ensures a good night's rest. Most valuable in whooping cough and bronchial affections.

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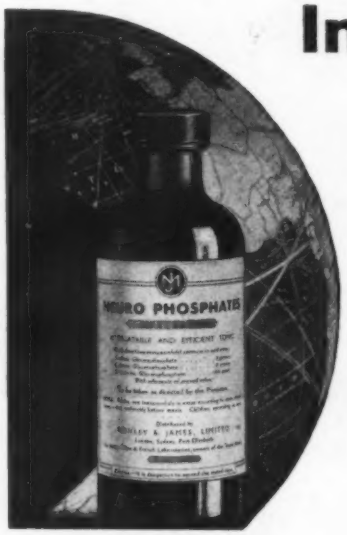
In Convalescence



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Strychnine Glycerophosphate.....$\frac{1}{24}$ gr.

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References: Lancet, *November 16th, page 621.*
B.M.J. *November 16th, page 679.*

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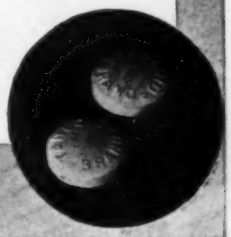

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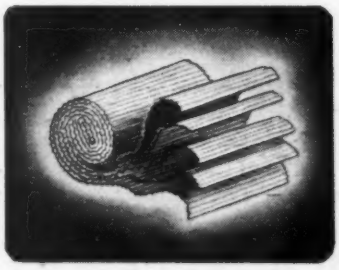

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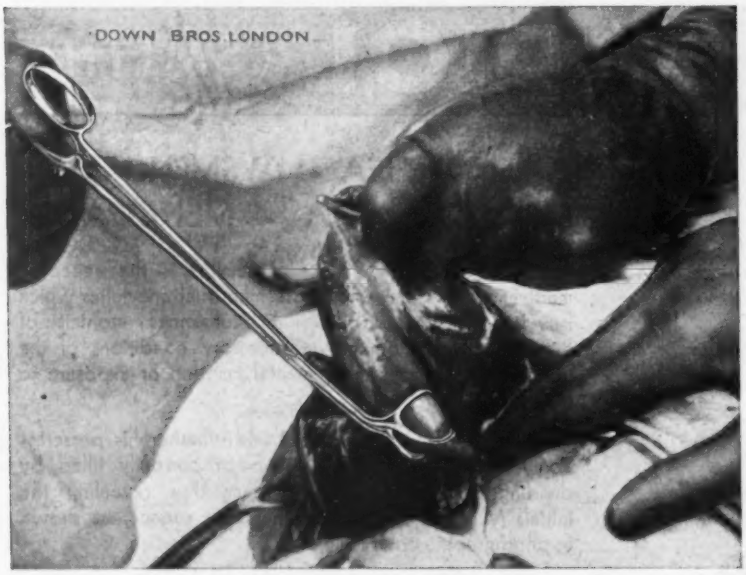

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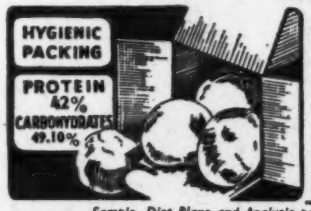

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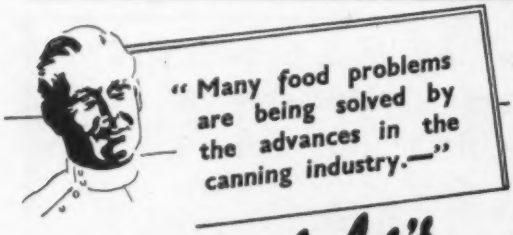

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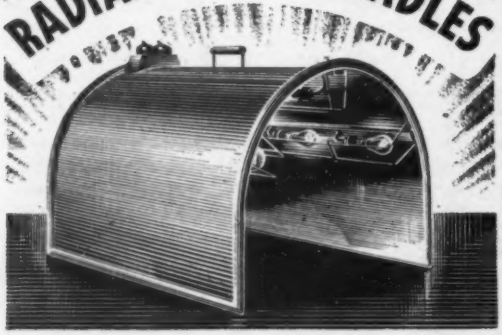

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FEES: 1st Class (men only) from £5 5s. per week upwards.
2nd Class (men and women) 32/- per week.

For further particulars apply: C. EDGAR GRISEWOOD, A.C.A. Secretary, 20, Exchange Street East, Liverpool, 2

HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON, O.B.E., M.D., F.R.C.P.

MALLING PLACE, KENT

For LADIES and GENTLEMEN of Unsound Mind.

Terms moderate. Apply to Resident Medical Superintendent. Telegrams: ADAM WEST MALLING. Telephone No. 2: MALLING.

SPRINGFIELD HOUSE

'Phone: BEDFORD 3417. **Near BEDFORD**

For Mental Cases with or without Certificates.

Ordinary Terms: Five Guineas per week (including Separate Bedrooms for all suitable cases without extra charge).

For forms of admission, &c., apply to the Resident Physician, CEDRIC W BOWER.

INTERVIEWS IN LONDON BY APPOINTMENT.

PRIOR PLACE SANATORIUM

HEATHERSIDE, CAMBERLEY, SURREY

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff.

RESIDENT MEDICAL SUPERINTENDENT: Dr. H. O. BLANFORD, to whom application for admission can be made.

BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—

Dr. ERNEST ROLLINS, Resident Physician.
Tel.: Amherst 1642.

THE GROVE HOUSE,
CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr. J. A. MCCLINTOCK.

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS,

NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

BRYN-Y-NEUADD HALL

The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: Dr. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

An Illustrated Prospectus, giving fees which are strictly moderate, may be obtained upon application to the Secretary.

The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

THE COTSWOLD SANATORIUM

First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

Med. Supt.: GEOFFREY A. HOFFMAN, B.A., M.B., T.C. Dub. *Asst. Phys.:* MARGARET A. HARRISON, M.B., B.S. Lond. *Cons. Laryngologist:* G. N. BARKER, F.R.C.S. Edin., D.L.O. *Cons. Dent. Surgeon:* GEORGE V. SAUNDERS, L.D.S.R.C.S. Lond. *Phone:* 81 & 82 Witcombe. Apply: *The Secretary, The Cotswold Sanatorium, Cranham, Gloucester. Telegrams:* "Hoffman, Birdlip."

COURT HALL, KENTON, near EXETER

FOR THE TREATMENT OF EIGHT LADIES, VOLUNTARY, TEMPORARY AND CERTIFIED PATIENTS

CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach. There is also a charming house, **EBWORTHY, MANATON, DARTMOOR,** situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

NORTHUMBERLAND HOUSE

GREEN LANES,

FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.

Telephone: Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."

For further particulars apply to the MEDICAL SUPERINTENDENT.

THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to :—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone : York 3612)
who is available for consultation

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.

CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.

Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

TOR-NA-DEE SANATORIUM

Managing Director : DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent : R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone : Cults 107

CALDECOTE HALL

NUNEATON
WARWICKSHIRE
('Phone : Nuneaton 241)

Residential treatment of

"Nervous Disorders" & Alcoholism

(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.

HAYDOCK LODGE,

NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to :—*

Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

HOLLOWAY SANATORIUM VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home.

For Terms, apply to—

The RESIDENT MEDICAL SUPERINTENDENT, St. Ann's Heath, Virginia Water, SURREY

PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams: "Alleviated, London" **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment. *Tel. No. 8 Formby.*

THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

CITY OF LONDON MENTAL HOSPITAL

Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

CHISWICK HOUSE,

PINNER, MIDDLESEX.

Telephone: PINNER 234.

A Private Hospital for the Treatment and Care of Mental and Nervous Illnesses in both Sexes.

A modern country house, 12 miles from Marble Arch, in attractive and secluded surroundings. Fees from 10 guineas per week inclusive. Cases under Certificate, Voluntary and Temporary Patients received for treatment.

DOUGLAS MACAULAY, M.D., D.P.M.

FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2048. Station: Chalfont and Latimer.

Elizabeth Garrett Anderson Hospital,

Euston-road, N.W.1.

Applications are invited from fully qualified Medical Women for the following posts:—

One RESIDENT MEDICAL OFFICER and One CASUALTY OFFICER for a period of six months.

OSTER HOUSE HOSPITAL, ST. ALBANS.

One RESIDENT MEDICAL OFFICER-ANÆSTHETIST and One HOUSE PHYSICIAN for a period of six months.

Salaries will be pooled under the Emergency Medical Services Scheme and allocated according to experience, with a minimum of £100 per annum.

Applications, with copies of three testimonials, should be sent to the Secretary of the Elizabeth Garrett Anderson Hospital by 26th December.

Princess Elizabeth of York Hospital

FOR CHILDREN, Shadwell, London, E.1.

Appointment of RESIDENT HOUSE PHYSICIAN (B2) at Country Branch, Bayford, Herts (Approximately 70 beds).

Applications are invited from registered Medical Practitioners who now hold A posts for the appointment of Resident House Physician to become vacant early in January, 1941.

Applicants should have held previous House appointments. If held by R Practitioner the appointment will be limited to six months. Salary according to experience and qualifications but not less than £150 p.a.

Applications, stating age, nationality, qualifications, with dates, experience and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 28th December, 1940.

F. J. WILLIAMS, Deputy Secretary.

The Queen's Hospital for Children,
Hackney-road, E.2.

Applications are invited from registered Medical Practitioners, including R Practitioners who now hold A posts, for a SENIOR HOUSE SURGEON (B2) to become vacant on 1st January, 1941. Six months' appointment. Salary at rate of £100 per annum, with board, lodging, and laundry in each case. Candidates must be prepared to participate in the emergency hospital arrangements in connexion with which beds have been reserved and in respect of which additional remuneration is payable.

Applications must be made on forms to be obtained from the undersigned and be sent in, with copies of not more than three testimonials, on or before the 20th December, 1940.

CHARLES H. BESSELL, Secretary.

The Hostel of St. Luke, Clergy
NURSING HOME, 14 Fitzroy Square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male and Female), British nationality, for the appointment of Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and recent post, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 20th December, 1940.

J. A. CAMPBELL, Surgeon-Captain, R.N. retired, Secretary.

The Royal Waterloo Hospital,
Waterloo-road, S.E.1.

Applications are invited from registered Medical Practitioners (Male) for the appointment of a CASUALTY OFFICER AND HOUSE PHYSICIAN (A), to become vacant on 1st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 18th December, 1940. J. H. TEASDALE, Secretary.

St. John's Hospital, Lewisham, S.E.13.

Applications are invited from registered Medical Practitioners (Male and Female) for the appointment for six months of a HOUSE SURGEON (A), to become vacant on January 1st next, including R Practitioners within three months of qualification. Salary £100 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent as soon as possible to the undersigned.

J. C. GILBERT, Secretary-Superintendent.

Metropolitan Borough of Poplar.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners (Male) for temporary appointment as Assistant Medical Officer at an inclusive salary of £600 a year. Subject to satisfactory service, the appointment will be of not less than one year's duration.

The officer appointed will be required to devote the whole of his time under the direction of the Medi al Officer of Health to the duties of his office, which will consist of constant day and night inspection of public shelters in the borough, and of such other medical services as the Council's Civil Defence (Emergency) Committee may require of him.

The appointment is subject to one month's notice on either side, and does not confer any rights under the Council's Superannuation Acts.

Applications, together with copies of three testimonials, must reach the undersigned not later than 12 NOON on Saturday, 28th December, 1940, with the envelope endorsed "Assistant Medical Officer."

H. E. DENNIS, Town Clerk and A.R.P. Controller.
Poplar Town Hall, Bow-road, E.3.

Resident Assistant Medical Officer
(Male) (B1) required by MIDDLESEX COUNTY COUNCIL for WEST MIDDLESEX COUNTY HOSPITAL, Twickenham-road, Isleworth, Middx.

Applicants must be registered Medical Practitioners (including suitably qualified R Practitioners holding B2 or B1 posts) who have held resident appointments in general hospitals and had special medical or surgical experience. Salary £400 by £25 to £475 per annum, board, lodging, and laundry. Whole-time duties such as Council may direct under supervision of Medical Superintendent. Appointment is for four years only, subject to medical examination and one month's notice.

Application, stating age, nationality, qualifications with dates, experience, and details of previous appointments, to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 21st December.

C. W. RADCLIFFE, "B3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

Assistant Tuberculosis Officer
required by MIDDLESEX COUNTY COUNCIL. Whole time, for duty at the CHEST CLINIC, 28, Bell-road, Hounslow, under the immediate supervision of the Tuberculosis Medical Officer. Must have held a general hospital appointment and have experience in Tuberculosis, including artificial pneumothorax treatment and chest radiology. Salary £600, rising by £30 annually to £750. Subject to medical examination and to three months' notice on either side.

Applications, stating age, qualifications, and experience, together with copies of three recent testimonials. Relationship to any member or officer of the Council must be disclosed.

Application forms not provided. Envelope marked "Assistant Tuberculosis Officer." Canvassing directly or indirectly will disqualify. Closing date December 31st.

C. W. RADCLIFFE, "B.3," Clerk of the County Council.
Guildhall, Westminster, S.W.1.

Connaught Hospital, Walthamstow,
E.17. (118 Beds.)

Applications are invited from registered Medical Practitioners, Male, for the following appointments:—

HOUSE PHYSICIAN (A), vacant 1st February, 1941.
HOUSE SURGEON (A), vacant 1st January, 1941.
CASUALTY OFFICER (A), vacant 1st January, 1941.

R Practitioners within three months of qualification may apply, when the appointments will be for the period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

R. HALTON HARRISON, General Secretary.

The Willesden General Hospital,
Harlesden Road, N.W.10.

Applications are invited for appointment of HONORARY CLINICAL ASSISTANTS to the Medical Out-patient Department, held on Friday mornings. Applications should be forwarded to the Secretary, from whom further details of the appointment may be obtained, and should be received not later than 24th December, 1940.

St. Peter's Hospital for Stone, etc.,
Henrietta-street, Covent Garden, W.C.2.

The appointment of CLINICAL ASSISTANTS to the undermentioned members of the Honorary Staff, who attend the Out-patients' Department at the times indicated, will be considered at an early date. A fee of Five Guineas becomes payable to the funds of this Hospital on appointment, and applications should reach the undersigned on or before Tuesday, 17th December.

Mr. JOHN SANDREY ..	Mondays ..	2 to 5 P.M.
For Mr. ALBAN ANDREWS ..	Tuesdays ..	2 to 5 P.M.
For Mr. OGIER WARD ..	Wednesdays ..	2 to 5 P.M.
Mr. F. J. F. BARRINGTON ..	Thursdays ..	2 to 5 P.M.
For Mr. OGIER WARD ..	Fridays .. (Women and Children) ..	2 to 4 P.M.
For Mr. ALBAN ANDREWS ..	Fridays .. (Male Out-patients) ..	2 to 4 P.M.
Mr. J. SWIFT JOLY ..	Saturdays ..	2 to 5 P.M.

D. A. BLAND, Acting Secretary.

Kent and Sussex Hospital, Tunbridge
WELLS. (532 Beds.)

APPOINTMENT OF HOUSE SURGEON AND CASUALTY OFFICER (B2).

Applications are invited from registered Medical Practitioners, Male, for the appointment of Resident House Surgeon and Casualty Officer (B2) to become vacant December 20th, 1940, including R Practitioners who hold A posts.

If held by a R Practitioner the appointment will be limited to six months.

The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, accompanied by copies of three recent testimonials, to be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.
9th December, 1940.

City of Birmingham.

DUDLEY ROAD HOSPITAL.
SELLY OAK HOSPITAL.

JUNIOR RESIDENT MEDICAL OFFICERS (MALE OR FEMALE).
A Posts.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, when appointment will be for a period of six months, for Junior Resident Medical Officers (Male or Female) at the above Hospitals for the treatment of medical and surgical cases. Salary at the rate of £200 per annum, with full residential emoluments. The appointments are for a period of not less than six months.

Further particulars may be obtained from the Medical Superintendents, and applications, stating age, experience, and qualifications, with copies of recent testimonials, should be forwarded to Dr. H. P. NEWSHOLME, Medical Officer of Health, Council House, Congreve-street, Birmingham, 3, not later than Thursday, 19th December, 1940.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

Oldham Royal Infirmary.

(186 Beds.)

ALTERED CONDITIONS.

APPOINTMENT OF HOUSE PHYSICIAN and ASSISTANT CASUALTY OFFICER.

Applications are invited from Registered Medical Practitioners, Male and Female, for the combined post of House Physician and Assistant Casualty Officer (A), to become vacant on the 16th January including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months.

Salary is at the rate of £175 per annum with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 21st December, 1940.

F. W. BARNETT, General Superintendent and Secretary.

The Royal Hospital, Wolverhampton.

(Incorporated under Royal Charter.)

(310 Beds.)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the following post :—

CASUALTY SURGEON (A), vacant now.

Salary at the rate of £100 per annum, with full residential emoluments.

The appointment is for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 2nd December, 1940.

The Royal Infirmary, Bradford.

RESIDENT MEDICAL OFFICER AND ASSISTANT PATHOLOGIST (B1 post) (Male, single) required at an early date. Candidates holding an M.D. or M.R.C.P. qualification preferred. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Twelve months' appointment. Salary £250 per annum, with board, residence, and laundry.

There are 115 Medical Beds and two House Physicians.

The successful applicant will be required to act as Assistant to the Pathologist.

Applications, stating age, nationality, qualifications, and previous experience, with copies of not more than three recent testimonials, should be received by the undersigned as soon as possible.

H. TRUSSON, House Governor and Secretary.

20th November, 1940.

Kent and Sussex Hospital, Royal

TUNBRIDGE WELLS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (B2), to become vacant immediately, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

30th November, 1940.

Warwickshire and Coventry Mental

HOSPITAL.

PATHOLOGIST required, with experience in General Pathology. Salary in first instance £750 per annum.

Applications, with copies of two testimonials, to be sent to the Medical Superintendent by December 23rd.

Further particulars on application.

Swansea General and Eye Hospital.

(336 Beds.)

Applications are invited for the following vacant appointments :—

(1) RESIDENT ANÆSTHETIST (B2), from registered Medical Practitioners (Male, Single), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Salary £150 per annum for first six months and at rate of £200 per annum for second six months, with full residential emoluments.

(2) HOUSE SURGEON (A), from registered Medical Practitioners (Male, Single), including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

County Mental Hospital,

RAINHILL, Nr. LIVERPOOL.

TEMPORARY ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Temporary Assistant Medical Officer. Eight Guineas per week, with board, lodging, and laundry.

In the event of a married man being appointed an unfurnished house is available, for which a rental of £50 per annum will be made and £100 per annum allowed in cash in lieu of board and laundry.

Suitably qualified registered Practitioners holding B2 or B1 appointments are invited to apply immediately, giving full particulars of experience, &c., to the Medical Superintendent, County Mental Hospital, Rainhill, Nr. Liverpool.

3rd December, 1940.

Bedford County Hospital.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a CASUALTY OFFICER (A), to become vacant on 1st January, including R Practitioners within six months of qualification. Appointment for a period of six months. Salary £150 per annum, with full residential emoluments.

Application, stating age, qualifications with dates, and nationality, together with three recent testimonials, to be sent to the Secretary, Hon. Medical Staff Committee, as soon as possible.

City of Bradford, Municipal General

HOSPITAL (ST. LUKE'S).

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1 post). Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary £350 per annum, with full residential emoluments.

Forms of application may be obtained from the Medical Officer of Health, Town Hall, Bradford, and should be returned not later than 21st December, 1940.

M. L. FLEMING, Town Clerk.

Town Hall, Bradford, 7th December, 1940.

Royal Berkshire Hospital, Reading.

Applications are invited from registered Medical Practitioners (Male) for the appointment of RESIDENT ANÆSTHETIST (B2) to become vacant on January 1st, 1941, including R Practitioners who now hold A posts.

The appointment is for six months. A salary of £250 per annum, with board, residence, and laundry, will be paid to the candidate possessing suitable qualifications for the post.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

City of Manchester.

PUBLIC HEALTH DEPARTMENT.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the appointment of Assistant Medical Officer of Health.

The salary will be £700 per annum.

Applicants must be duly registered Medical Practitioners, holding a Diploma of Public Health, and possess experience of administrative work.

The person appointed will be required to act under the administrative control of the Medical Officer of Health, to devote the whole of his time to the duties of the office, and to reside within the city boundary.

Applications on the form provided (which will be sent by the Medical Officer of Health on request), together with copies of three recent testimonials, and endorsed on the envelope "Assistant Medical Officer," must be addressed to the Medical Officer of Health only and not to members of the Committee or of the Council, and must reach him not later than 28th December.

Canvassing is prohibited and will disqualify.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 6th December, 1940.

Ancoats Hospital, Manchester, 4.

HOUSE SURGEON (General) required (A post), to commence duty at the end of January, 1941. Appointment for six months. Salary £100 per annum, with full residential emoluments.

Applications, including R Practitioners within three months of qualification, stating age, experience (if any), qualifications with dates, nationality, and if insured with a Medical Defence Union, to be forwarded to the undersigned on or before 31st December, together with copies of three recent testimonials.

By Order of the Board,

HERBERT J. DAFFORNE,
General Superintendent and Secretary.

Royal Cornwall Infirmary, Truro.

(185 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (A) in charge of the MEDICAL, EYE, EAR, NOSE, AND THROAT DEPARTMENT, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to a period of six months, otherwise it will be renewable.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 22nd December.

W. E. GRENFELL, Hon. Secretary.

9th December, 1940.

County Borough of St. Helens.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the post of additional Assistant Medical Officer of Health (Male or Female).

The duties will normally be in connexion with the School Medical Service, but may include other duties on the staff of the Health Department, at the discretion of the Medical Officer of Health.

Candidates should have special experience in the diseases of children or experience in school medical inspection, and the possession of a Diploma in Public Health is desirable but not essential.

The salary will be at the rate of £500 per annum, rising by annual increments of £25 to a maximum of £700 per annum, plus travelling expenses, or in lieu a motor-car allowance, at present at the rate of £50 per annum. The salary is at present subject to a temporary war cost-of-living bonus at the rate of 6 per cent. on the first £300 and 3 per cent. on the next £200.

In the case of a candidate now in the service of another authority on a rising scale, recognition may be given to past service with such authority in fixing the commencing salary.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

Forms of application may be obtained from the Medical Officer of Health, Town Hall, St. Helens, and completed applications, accompanied by copies of not more than three recent testimonials, should reach him not later than the 31st December.

Canvassing members of the Council or Committees of the Corporation will be a disqualification.

FRANK HAUXWELL, Medical Officer of Health.

Town Hall, St. Helens, 6th December, 1940.

Royal Cornwall Infirmary, Truro.

(185 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE SURGEON (A) in charge of the ORTHOPÆDIC AND FRACTURE AND CASUALTY DEPARTMENTS, including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. E. GRENFELL, Hon. Secretary.

26th November, 1940.

York County Hospital.

(222 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, including R Practitioners holding A posts, for the appointment of HOUSE SURGEON (B2) to become vacant on 15th January, 1941. If held by an R Practitioner appointment will be limited to six months. Salary is at the rate of £150 per annum, in either case, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned by 17th December, 1940.

J. R. MACKRILL, Secretary.

Surrey County Council.

PUBLIC HEALTH DEPARTMENT.

EPSOM COUNTY HOSPITAL. (400 Beds, mainly acute.)

ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Assistant Medical Officer at the Epsom County Hospital, Dorking-road, Epsom. Suitably qualified R Practitioners holding B2 or B1 appointments may apply.

The Medical Officer appointed must have had considerable previous experience in surgical appointments and should preferably possess a Higher Surgical qualification.

The tenure of the appointment is limited to a period of five years, but the appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and is terminable by three months' notice on either side. The cash salary is at the rate of £350 per annum, rising by annual increments of £25 to a maximum of £450 per annum, together with full residential emoluments valued at £125 per annum.

Applications, stating age, qualifications and experience and enclosing copies of not more than three recent testimonials, should be addressed to the Medical Superintendent, Epsom County Hospital, Dorking-road, Epsom, so as to be received not later than the 20th December, 1940.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-upon-Thames, 13th December, 1940.

Royal Sussex County Hospital, Brighton

(380 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Surgeon (A), to become vacant about 31st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 3rd January, 1941.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

Royal Devon and Exeter Hospital,

EXETER. (510 Beds.)

APPOINTMENT OF THIRD HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of Third House Surgeon (A), which includes Ear, Nose, and Throat Department, for a period of six months, to become vacant on January 9th.

Salary is at the rate of £160 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be sent to the undersigned not later than December 30th, 1940.

L. PARKHOUSE, Secretary and Manager.

Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 7th December, 1940.

Taunton and Somerset Hospital,

TAUNTON.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Surgeon (A) vacant December 31st. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

Preston and County of Lancaster
ROYAL INFIRMARY.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from Male registered Medical Practitioners for the appointment of House Surgeon (A), including R Practitioners within three months of qualification. Six months' appointment, commencing 1st January, 1941. Nine resident doctors. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and accompanied by copies of three recent testimonials, to be forwarded to the undersigned as soon as possible.

JOHN GIBSON, Superintendent and Secretary.

Huddersfield Royal Infirmary.
(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to commence duty on January 31st, 1941. Salary £150 per annum, with board, residence, and laundry. Appointment for six months subject to renewal for a similar period. R Practitioners within three months of qualification may apply, when the appointment will be limited to six months. The Hospital is officially recognised for the surgical practice required of non-members before admission to the final Fellowship Examination of the Royal College of Surgeons of England.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

Dewsbury & District General Infirmary,
DEWSBURY. (100 Beds.)

Applications invited for the post of SECOND HOUSE SURGEON (A) (Male), including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary £150 per annum, with emoluments. The duties are principally those of a House Physician and Casualty Officer.

The Infirmary is a modern Voluntary Hospital with usual Special Departments staffed by Visiting Specialists.

Applications, stating age, qualifications with dates, and nationality, together with copies of recent testimonials, to be addressed to Secretary-Superintendent without delay.

General Hospital, Nottingham.
(501 Beds.)

Applications are invited from registered Medical Practitioners (Male and Female), including R Practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence early January, 1941. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for an EYE HOUSE SURGEON AND HOUSE PHYSICIAN (Male) (A) required immediately.

The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

Royal Hampshire County Hospital,
WINCHESTER.
(415 Beds, increasing to 450.)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of a RESIDENT ANÆSTHETIST (A), with which post some Casualty and other work will be combined, to become vacant immediately. The appointment will be for a period of six months. Salary is at the rate of £175 a year, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. EWART MITCHELL, Superintendent and Secretary.

The Royal Infirmary, Sunderland.

Applications are invited from Male registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of HOUSE PHYSICIAN (A), to become vacant on the 8th January, 1941.

The appointment will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

Staffordshire Mental Hospitals Board.

EMERGENCY HOSPITAL SCHEME.

STAFFORD MENTAL HOSPITAL.

APPOINTMENT OF RESIDENT MALE MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners, Male, for the above-mentioned appointment, including R Practitioners who now hold A appointments.

Salary is at the rate of £250 per annum, with full residential emoluments.

Appointment will be of a temporary nature, subject to one month's notice on either side. If held by an R Practitioner it will be limited to six months.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 21st December, 1940.

H. L. UNDERWOOD, Clerk of the Mental Hospitals Board.
County Buildings, Stafford, 7th December, 1940.

Worcestershire County Council.

ASSISTANT COUNTY MEDICAL OFFICER (Lady).

Applications are invited from registered Medical Practitioners for the post of Assistant County Medical Officer, preferably from a lady who has held a post in a Maternity Hospital, as the duties will include those connected with Maternity and Child Welfare, Infant Welfare Centres, Antenatal Clinics, and inspection of midwives. The officer appointed will also carry out some school medical inspection and any other health duties the Council may require, including dental anæsthetics.

Applicants must be between the ages of twenty-five and forty-five, and preference will be given to candidates possessing the D.P.H.

The officer appointed will work under the supervision of the County Medical Officer and will be required to work in and around the Borough of Stourbridge, and to devote the whole of her time to the work.

The salary will be at the rate of £600 per annum, rising by annual increments of £25 to £700 per annum, with an allowance of £60 per annum for the use of the officer's own motor-car.

The post is designated under the Local Government and Other Officers Superannuation Acts, and the successful applicant will be required to pass a medical examination.

The engagement will be subject to three months' notice on either side.

Applications (on forms to be obtained from the County Medical Officer, County Buildings, Worcester), accompanied by not more than three recent testimonials, must be received by 12 NOON on Wednesday, the 18th December, 1940, addressed to the County Medical Officer, County Buildings, Worcester.

Canvassing disqualifies, and neither the names of the members of the County Council nor of the Committee will be supplied.

C. H. BIRD, Clerk of the County Council.

Shirehall, Worcester, 9th December, 1940. [S106.]

Cheshire County Council.

CLATTERBRIDGE (COUNTY) GENERAL HOSPITAL
(near BIRKENHEAD).

SENIOR MALE RESIDENT MEDICAL OFFICER
(B1 Post).

Applications are invited for the above appointment which falls vacant on the 12th January, 1941. Salary £350 per annum, rising by annual increments of £25 to £450 per annum. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

There is a Non-resident Medical Superintendent, a Resident Deputy Medical Superintendent, Junior Medical Officers, and a Consulting Staff from Teaching Hospitals.

Applications to be made on forms obtainable from the undersigned and returned not later than the 25th December, 1940.

IAN MACKAY, County Medical Officer of Health.

24, Nicholas-street, Chester.

Blackburn Royal Infirmary.
(244 Beds—5 Residents.)

(1) Appointment of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on January 6th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £250.

(2) Appointment of a HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Physician (A), including R Practitioners within three months of qualification. The House Physician is also attached to the Eye, Ear, Nose, and Throat Department. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

T. DEWHURST, General Superintendent and Secretary.
Royal Infirmary, Blackburn.

The Guest Hospital, Dudley.

(The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.)

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1) to become vacant about the middle of December. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £400 per annum, with furnished apartments, board, and laundry.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of recent testimonials, should be sent to the undersigned.

H. RAYMOND HURST, House Governor and Secretary.

2nd December, 1940.

County Council of Durham.

HOLYWOOD HALL SANATORIUM, WOLSINGHAM.
(183 Beds.)

ASSISTANT RESIDENT MEDICAL OFFICER (B1).

Applications are invited for the post of Assistant Resident Medical Officer (B1) (Male or Female), at a salary of £350 per annum, with board, residence, and laundry in addition, valued at £150 per annum. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The appointment is in the first instance for a period of twelve months, and will be subject to the regulations for the time being of the County Council relative to the payment of salary in the case of sickness, and will be terminable by one calendar month's notice on either side. If the appointment is extended beyond one year the appropriate increments, in accordance with the Askwith Scale, will be made.

The successful candidate will be required to pass the County Council's medical examination.

Applications, stating age and experience, together with copies of three recent testimonials, to be sent to the County Medical Officer of Health, Shire Hall, Durham, not later than Monday, the 23rd December, 1940.

J. K. HOPE, Clerk of the County Council.

Shire Hall, Durham, 30th November, 1940.

Richard Murray Hospital, Blackhill,

Co. DURHAM.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE SURGEON (B2 post) to become vacant on 1st March, 1941, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. Preference will be given to those Practitioners who have had experience in a maternity hospital. The salary is at the rate of £200 per annum, with full residential emoluments.

The Hospital has accommodation for sixteen surgical cases and sixteen maternity cases, and is served by a Visiting and Consulting Surgeon and a Visiting and Consulting Obstetrician.

So far as the maternity unit is concerned, the person appointed will be subject to the administrative control of the County Medical Officer of Health.

The duties will include the medical supervision of an adjacent small Convalescent Home for mothers and young children.

Applications, stating age, qualifications with dates, experience, nationality, and present post, and accompanied by copies of not more than three recent testimonials, must be received by the undersigned not later than Saturday, 21st December, 1940.

T. W. ADDISON,
Secretary to the Richard Murray Hospital Joint Board.

Shire Hall, Durham, 30th November, 1940.

City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

SOUTHMEAD MUNICIPAL GENERAL HOSPITAL.
(1) APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a Junior Assistant Resident Medical Officer (A) to become vacant on the 1st December, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary is at the rate of £200 per annum, with full residential emoluments.

HAM GREEN HOSPITAL AND SANATORIUM.
(2) APPOINTMENT OF ASSISTANT RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of an Assistant Resident Medical Officer to become vacant on the 1st December. Applicants should have held house appointments. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

R. H. PARRY, Medical Officer of Health.
Department of Public Health, 40, Prince-street,
Bristol, 1, 29th November, 1940.

Bucks County Council.

PUBLIC HEALTH DEPARTMENT.

TEMPORARY HOUSE PHYSICIAN (A)—EMERGENCY MATERNITY HOME.

Applications are invited from duly qualified and registered Medical Practitioners for the post of House Physician at the Emergency Maternity Home, Amersham. This home of 48 beds is set up under the Government Evacuation Scheme, receives all types of maternity cases as well as being the hospital for difficult cases from other homes under this scheme. The successful candidate will be required to devote the whole of his (her) time to the duties of the appointment, and will work under the supervision of the resident obstetric consultant. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

The appointment is a temporary one for six months in the first instance and the salary is at the rate of £200 per annum, with board and residence. Forms of application may be obtained from the County Medical Officer, County Offices, Aylesbury, and should be returned to him, with copies of not more than three recent testimonials, not later than 1st post on Wednesday, December 18th, 1940.

GUY R. CROUCH, Clerk of the County Council.

County Hall, Aylesbury, 3rd December, 1940.

Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, lights and fuel (not board).

Ultra-violet Ray Clinic. The institution is a non-provident one. No beds. No midwifery.

The person appointed will be required to take up duty as early as possible. Appointment for twelve months terminable (then or thereafter) by three months' notice.

Applications, stating age, qualifications, and nationality, and accompanied by copies of recent testimonials, to be sent forthwith to—

E. BREARLEY, Acting Secretary.

5, Thurland-street, Nottingham.

Royal South Hants and Southampton

HOSPITAL.
(319 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (A) to become vacant on 31st December, 1940, including R Practitioners within three months of qualification. The appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 18th December, 1940.

EDWARD L. WIRGMAN, House Governor and Secretary

Derbyshire Royal Infirmary, Derby.

(GENERAL HOSPITAL. 416 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a RESIDENT ANÆSTHETIST (A) to become vacant on the 1st January, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications, with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 16th December.

ARTHUR TAYLOR, Superintendent and Secretary.

Sussex Maternity Hospital, Brighton.

(65 Beds.)

Applications are invited from registered Medical Practitioners, including R practitioners who now hold A posts, for the appointment of a HOUSE SURGEON (B2) to become vacant on the 1st January, 1941. Salary is at the rate of £130 per annum and £40 per annum car or travelling allowance; full residential emoluments. Six months' appointment. Good experience in midwifery, both intern and district, afforded.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

PERCY F. SPOONER, Secretary.

Buckingham-road, Brighton.

Free Eye Hospital, Southampton.

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of HOUSE SURGEON (A), to become vacant immediately, including R Practitioners within three months of qualification. The appointment to be for a period of six months.

Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned by an early date.

E. T. KEMP, Secretary.

Royal Victoria Infirmary, Newcastle UPON TYNE.

(835 Beds.)

RESIDENT APPOINTMENTS.

The following resident appointments (A) will become vacant as from Saturday, 1st February, 1941.

The appointments are tenable for six months except the Skin Department and the Out-patient Dressing Department (Junior House Surgeon to Accident Room), which will alternate for three months.

Four HOUSE PHYSICIANS.
Six HOUSE SURGEONS.
One HOUSE SURGEON to THROAT, NOSE, AND EAR DEPARTMENT.
One HOUSE SURGEON to OPHTHALMIC DEPARTMENT.
One HOUSE SURGEON to GYNÆCOLOGICAL DEPARTMENT.
Three HOUSE SURGEONS to ORTHOPÆDIC DEPARTMENT.
Two HOUSE SURGEONS to ACCIDENT ROOM.
One HOUSE SURGEON to SKIN DEPARTMENT.
Two ANÆSTHETISTS.

LEAZES HOSPITAL (Pay-Bed Section).

Two HOUSE SURGEONS (may be eligible for reappointment).

Candidates must be registered in Medicine and in Surgery, and must produce evidence of being able to administer anæsthetics. R Practitioners within three months of qualification may apply.

Candidates must be prepared to take any appointment.

As regard applications for the appointment of (*a*) House Surgeon to Accident Room and (*b*) House Surgeons to Special Departments, preference may be given to candidates who have previously held two resident appointments.

Residents are remunerated at the rate of £50 per annum, except the residents in the Leazes Hospital who receive £100 per annum, and the Anæsthetists who receive £200 per annum.

Before making application, intending candidates are asked to apply to the undermentioned for a copy of the regulations concerning the appointments and form of application.

Applications, stating age, experience, and qualifications, and accompanied by copies of not more than three testimonials, should be received by the undermentioned not later than first post on Saturday, 21st December, 1940.

S. DUNSTAN, House Governor and Secretary.

6th December, 1940.

Kent Education Committee.

ASSISTANT SCHOOL MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners for the post of Assistant School Medical Officer.

The selected candidate will be required to devote the whole of his or her time to the duties of the office. The appointment will be temporary in the first instance and terminable at one month's notice on either side. It will be subject to the provisions of the Local Government Superannuation Act, 1937, and a medical examination will be required.

Salary £550 a year, with travelling and subsistence allowances.

Applications, stating age and qualifications, accompanied by copies of three recent testimonials, must be forwarded to the undersigned not later than 28th December, 1940.

No official form of application will be issued. Canvassing is a disqualification.

CONSTANT PONDER, M.D., School Medical Officer.

County Hall, Maidstone.

City and County of Bristol.

DEPARTMENT OF PUBLIC HEALTH.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

The Corporation of Bristol invite applications for the post of Temporary Assistant Medical Officer of Health (Male or Female). Salary £500, rising by annual increments of £50 to £700 per annum. The person appointed will be required to devote the whole of his or her time to the duties, will not be allowed to engage in private practice, and will work under the direction of the Medical Officer of Health in School Medical and City Health Departments.

Application, forms and particulars of duties of the post, may be obtained from the Medical Officer of Health, 40, Prince-street, Bristol, 1, to whom they must be returned, accompanied by not more than three recent testimonials, not later than the 20th December, 1940.

Canvassing will disqualify.

JOSIAH GREEN, Town Clerk.

The Stamford, Rutland and General INFIRMARY.

Applications are invited from registered Medical Practitioners for the post of RESIDENT SURGICAL OFFICER (B2) now vacant. The post is tenable for the period of six months from 1st January, 1941. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding A appointments are invited to apply. Salary is at the rate of £220 per annum, with board and residence.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

H. F. DONALD, Secretary.

The Stamford, Rutland and General Infirmary,
Stamford, Lincs.

County Borough of Birkenhead.

TEMPORARY ASSISTANT SCHOOL MEDICAL OFFICER AND ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the position of Temporary Assistant School Medical Officer and Assistant Medical Officer of Health. The salary scale for the position will be £500 per annum, rising by annual increments of £25 to a maximum of £700.

In fixing the commencing salary within the scale regard will be paid to previous recognised service.

The duties will include the inspection and treatment of school-children and maternity and child welfare work.

Applicants must be duly qualified Medical Practitioners with experience.

The person appointed will be required to pass a medical examination and to reside within the Borough.

Canvassing, either directly or indirectly, will be regarded as a disqualification.

Particulars of the appointment and form of application may be obtained from Dr. D. Morley Mathieson, Medical Officer of Health, 9, Hamilton-square, Birkenhead, and applications, endorsed "Assistant Medical Officer," must be received by me not later than 28th December, 1940.

E. W. TAME, Town Clerk.

Town Hall, Birkenhead.

Weston-super-Mare Hospital.

(150 Beds.)

HOUSE PHYSICIAN.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Physician (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

The Chester Royal Infirmary.

(Normal Capacity 225 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of a NON-RESIDENT ORTHOPÆDIC REGISTRAR (B1) to take up duty on 1st January, 1941.

Applicants should have held house appointments and had experience in Orthopædics. Preference will be given to candidates holding diploma of F.R.C.S.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with lunch and tea, and certain other professional emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 24th December, from whom copy of the rules of the appointment may be obtained.

W. H. GRACE, Hon. Secretary, Medical Committee.

Southern Rhodesia Medical Service.

GOVERNMENT MEDICAL OFFICER.

Applications are invited from fully qualified, unmarried, Male Medical Practitioners, with surgical experience, for appointment as Government Medical Officer in the Southern Rhodesia Medical Service.

Salary will be on the scale £600–£25–£750 per annum. There is also a senior grade (£750–£25–£900) to which promotions are made as vacancies occur. Salary will commence from the date of assumption of duty in Southern Rhodesia. In addition, private practice is allowed.

The successful applicants will be required to sign an agreement for three years' service in the first instance, and thereafter may make application to be placed on the pensionable establishment.

A free second-class steamship passage to Cape Town and first-class railway ticket thence to Southern Rhodesia will be provided.

Canvassing, either directly or indirectly, will disqualify applicants.

The applicants should state the date on which they would be prepared to leave England if appointed.

Applications, stating age, qualifications, and experience, together with copies of testimonials, should reach the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom further particulars and application form may be obtained).

The Royal Infirmary, Sunderland.

APPOINTMENT OF ORTHOPÆDIC HOUSE SURGEON (B2).

Applications are invited from Male registered Medical Practitioners for the appointment of Orthopædic House Surgeon (B2), including R Practitioners who now hold A posts.

The appointment will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

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City of Leicester.

CITY GENERAL HOSPITAL.

APPOINTMENT OF A JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners for the appointment of a Junior Resident Medical Officer for mainly surgical duties, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to six months. Otherwise, it will be for a period of six months and renewable for a further six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications, and experience, with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned at once.

E. K. MACDONALD, Medical Officer of Health.

Health Department, Grey Friars, Leicester,
December, 1940.

Liverpool Hospital for Consumption.

APPOINTMENT OF RESIDENT MEDICAL OFFICER

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of Resident Medical Officer (B2) to become vacant on 1st January, 1941, including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of twelve months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with details, nationality, and present post, and accompanied by copies of three testimonials, should be sent to the SECRETARY not later than 19th December, 1940.

Liverpool Hospital for Consumption, Mount Pleasant, Liverpool.

Bootle General Hospital, Linacre Lane,

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(131 Beds.)

CASUALTY OFFICER.

Applications are invited from registered Medical Practitioners, Male and Female, for the above A appointment, including R Practitioners within three months of qualification.

Appointment is for a period of six months from 1st January, 1941, and salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

A. J. COOPER, Secretary-Superintendent.

Calderstones Emergency Hospital,

WHALLEY, near BLACKBURN, LANCS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners (Male) for the appointment of House Surgeon (B2) to become vacant on 1st February, 1941, including R Practitioners who hold now A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise it will be for a period of six months in the first instance. The salary is at the rate of £200 per annum, with full residential emoluments.

APPOINTMENT OF THREE HOUSEMEN
(Medical or Surgical, A Posts).

Applications are invited from registered Medical Practitioners (Male) for the appointment of three Housemen (Medical or Surgical, A posts), including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to THE MEDICAL SUPERINTENDENT not later than the 14th January, 1941.

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(1) Appointment of RESIDENT SURGICAL OFFICER (B1)

Applications are invited from registered Male Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on 1st January, 1941. Applicants should have held house appointments for at least 12 months and had surgical experience particularly in traumatic and orthopædic surgery. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £320 per annum, with board, residence and laundry in addition.

(2) Appointment of a HOUSE SURGEON (A).

Applications are invited from registered Male Medical Practitioners for the appointment of a House Surgeon (A) including R practitioners within three months of qualification. If held by an R practitioner appointment will be for a period of six months. Salary is at the rate of £125 per annum, with full residential emoluments.

Applications, stating age, nationality, qualifications with dates, experience and details of previous appointments and accompanied by copies of three recent testimonials should be sent to the undersigned as early as possible.

J. F. KENT, Superintendent and Secretary.

The Royal Hospital, Sheffield

(Teaching Hospital. 422 Beds.)

Applications are invited from registered Medical Practitioners, including R Practitioners holding A posts, for the post of RESIDENT MEDICAL OFFICER (Male). Previous resident medical experience essential, as this is the Senior Resident Medical Post. If held by an R Practitioner appointment will be limited to six months. Salary £200 per annum, with board, residence, and laundry.

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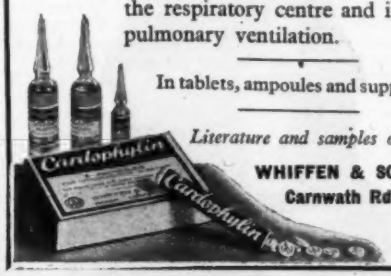

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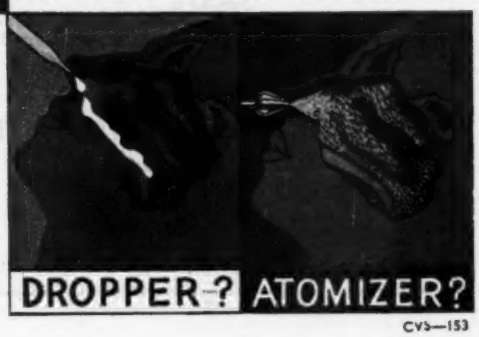

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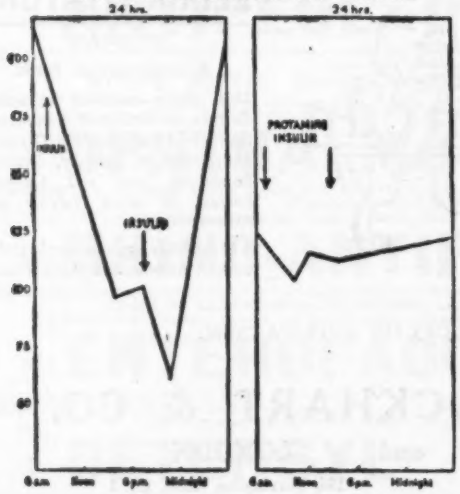

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References: Lancet, *November 16th, page 621.* B.M.J. *November 16th, page 679.*

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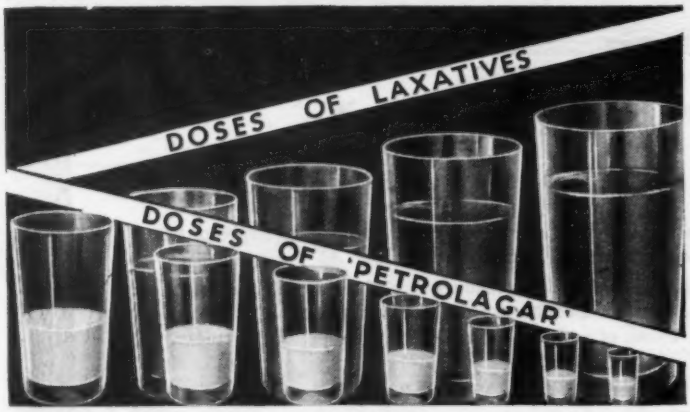

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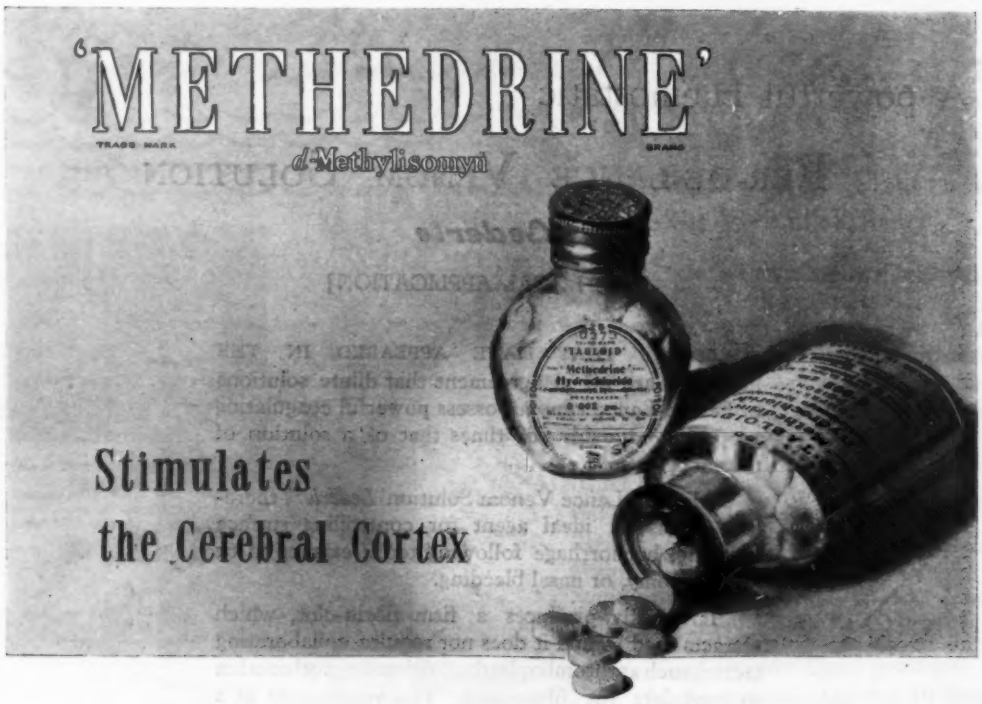

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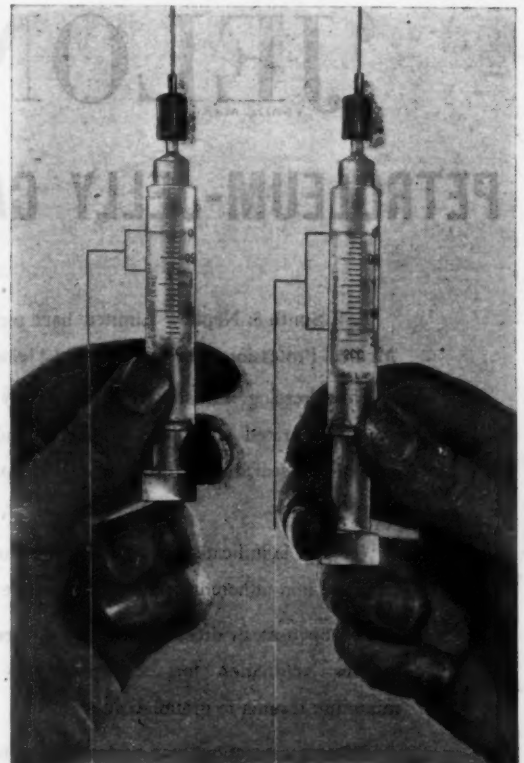

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INDICATIONS.

Prepared in this quicker manner (eliminating the standing period and second boiling) Benger's Food provides a soothing and comforting light diet for all minor digestive disorders and ailments.

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UNIVERSITY OF LIVERPOOL.

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Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.

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There is an outpatient department at the School for all sufferers from diseases contracted in the tropics. Cases needing hospital treatment are admitted to the Tropical Ward (general and private wards) of the Liverpool Royal Infirmary, which adjoins the School. Special arrangements are made for civil servants and for members of certain firms who are regular subscribers to the School.

St. Thomas's Hospital Medical School.

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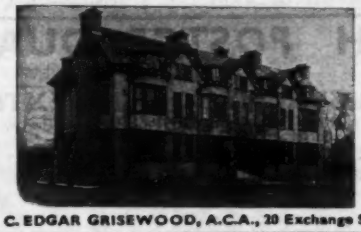

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PRACTICAL OPERATIVE SURGERY COURSE: Royal Cancer Hospital, January 6th to 31st, 1941, three afternoons weekly.

THEORETICAL ORTHOPÆDIC COURSE: Medical Society of London lecture room, Wednesdays, January 1st, 8th, 15th, 22nd, and 29th, 1941, at 2.30 P.M. Lecture-demonstrations illustrated by X-rays and slides.

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BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

WAR SURGERY OF THE EXTREMITIES—January 6th-10th, 1941

Monday, 6th Jan.	10 A.M.	General Principles of War Surgery of the Limbs.	Prof. G. Grey Turner, LL.D., B.Ch., M.S., F.R.C.S., F.R.A.C.S., F.A.C.
	11.15 A.M.	Administrative Problems in War Surgery.	Lt. Col. T. B. Nicholls, M.B., Ch.B.
	2 P.M.	Demonstration of Specimens illustrating War Wounds of the Extremities, at the Royal College of Surgeons.	
Tuesday, 7th Jan.	10 A.M.	Wounds of the Extremities, with or without Fractures.	
	1.30 P.M.	Radiological Investigation of Wounds of the Extremities.	Dr. J. Duncan White, M.B., Ch.B., D.M.R.E.
	2.30 P.M.	Shock.	Dr. J. McMichael, M.D., F.R.C.P.
Wednesday, 8th Jan.	10 A.M.	War Burns.	Mr. H. J. B. Atkins, F.R.C.S.
Wednesday (*cont.*)	11.15 A.M.	Sepsis.	Prof. J. Paterson Ross, F.R.C.S.
	1.30 P.M.	Tetanus.	
	2.30 P.M.	Demonstration on the Cadaver of Useful Exposures.	Mr. A. K. Henry, M.B., M.Ch., F.R.C.S.
Thursday, 9th Jan.	10 A.M.	Wounds of the Joints.	Mr. V. Zachary Cope, M.D., M.S., F.R.C.S.
	11.15 A.M.	Gas Gangrene and Other Anaerobic Infections.	Mr. G. T. Mullally, M.C., M.S., F.R.C.S.
	1.30 P.M.	Blood Transfusion.	
	2.30 P.M.	Injuries of Hands and Feet.	Mr. A. K. Henry, M.Ch., F.R.C.S.
Friday, 10th Jan.	10 A.M.	Secondary Hæmorrhage. Traumatic Aneurysm.	Surg. Rear-Admiral G. Gordon-Taylor, M.S., F.R.C.S.
	1.45 P.M.	Amputations.	Mr. Jenner Verrall, F.R.C.S.
	3 P.M.	Plaster Technique.	Mr. A. Ruscoe Clarke, F.R.C.S.

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces, and E.M.S., who submit a leave certificate and register their names before the commencement of the Course.

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BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—

Dr. ERNEST ROLLINS, Resident Physician.

Tel.: Amherst 1642.

CITY OF LONDON MENTAL HOSPITAL

Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

FENSTANTON, at "FIVE DIAMONDS," Chalfont St. Giles, Bucks.

A Private Home for the Care and Treatment of a limited number of LADIES with Mental and Nervous Disorders. Certified, Voluntary, and Temporary Patients received. Mansion with 12 acres of ground. (*See Medical Directory*, p. 2346.) Apply Resident Physician. Telephone: Little Chalfont 2046. Station: Chalfont and Latimer.

THE COPPICE, NOTTINGHAM.

HOSPITAL FOR MENTAL DISEASES.

President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.

Telephone: 64117 Nottingham.

THE Board of The Wellcome Foundation invite applications for the full-time appointment of a MEDICAL OFFICER. In particular he will be required to keep in close touch with practical therapeutic developments arising out of current medical research and clinical experience. He should be specially acquainted with the pharmacological and serological aspects of medicine. He should have had experience in both Hospital and General Practice and be of high standing in the profession. He would also be responsible for the supervision of medical literature issued by The Foundation. Age about 40. The appointment is permanent and pensionable and will carry a substantial remuneration.

Applications, which will be treated in the strictest confidence, should give the fullest particulars and be addressed to The Director-in-Chief, Wellcome Research Institution, 183/193, Euston Road, London, N.W.1, and marked "M.O."

UNIVERSITY EXAMINATION POSTAL INSTITUTION

17, RED LION SQUARE, LONDON, W.C.1

Over 50 years' experience

POSTAL AND ORAL COACHING FOR ALL MEDICAL EXAMINATIONS

MEDICAL PROSPECTUS (36 pages), sent gratis, along with List of Tutors, &c., on application to the Principal, 17, Red Lion-square, London, W.C.1. (Telephone: HOLborn 6313.)

Elizabeth Garrett Anderson Hospital,

Euston-road, N.W.1.

Applications are invited from fully qualified Medical Women for the following posts:—

One RESIDENT MEDICAL OFFICER and One CASUALTY OFFICER for a period of six months.

OSTER HOUSE HOSPITAL, ST. ALBANS.

One RESIDENT MEDICAL OFFICER-ANÆSTHETIST and One HOUSE PHYSICIAN for a period of six months.

Salaries will be pooled under the Emergency Medical Services Scheme and allocated according to experience, with a minimum of £100 per annum.

Applications, with copies of three testimonials, should be sent to the Secretary of the Elizabeth Garrett Anderson Hospital by 26th December.

Princess Elizabeth of York Hospital

FOR CHILDREN, Shadwell, London, E.1.

Appointment of RESIDENT HOUSE PHYSICIAN (B2) at Country Branch, Bayford, Herts (Approximately 70 beds).

Applications are invited from registered Medical Practitioners who now hold A posts for the appointment of Resident House Physician to become vacant early in January, 1941.

Applicants should have held previous House appointments. If held by R Practitioner the appointment will be limited to six months. Salary according to experience and qualifications but not less than £150 p.a.

Applications, stating age, nationality, qualifications, with dates, experience and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 28th December, 1940.

F. J. WILLIAMS, Deputy Secretary.

Metropolitan Borough of Poplar.

TEMPORARY APPOINTMENT OF ASSISTANT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners (Male) for temporary appointment as Assistant Medical Officer at an inclusive salary of £600 a year. Subject to satisfactory service, the appointment will be of not less than one year's duration.

The officer appointed will be required to devote the whole of his time under the direction of the Medi al Officer of Health to the duties of his office, which will consist of constant day and night inspection of public shelters in the borough, and of such other medical services as the Council's Civil Defence (Emergency) Committee may require of him.

The appointment is subject to one month's notice on either side, and does not confer any rights under the Council's Superannuation Acts.

Applications, together with copies of three testimonials, must reach the undersigned not later than 12 NOON on Saturday, 28th December, 1940, with the envelope endorsed "Assistant Medical Officer."

H. E. DENNIS, Town Clerk and A.R.P. Controller.

Poplar Town Hall, Bow-road, E.3.

University of London King's College.

The Delegacy will require in January next the services of a DEMONSTRATOR IN PHYSIOLOGY in the Faculty of Medicine at Birmingham. Salary £100 per term.

Candidates should send in their applications, accompanied by copies of three recent testimonials, not later than 31st December, 1940, to the Deputy Secretary, King's College, Hospital Centre, Birmingham, 15, from whom particulars and forms of application may be obtained.

King Edward Memorial Hospital,

Mattock-lane, Ealing, W.13.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of CASUALTY OFFICER AND DEPUTY RESIDENT MEDICAL OFFICER (B2), now vacant, including R Practitioners who now hold A posts. Six months' appointment. Salary at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MICKELWRIGHT, House Governor.

The Willesden General Hospital,
Harlesden Road, N.W.10.

Applications are invited for appointment of HONORARY CLINICAL ASSISTANT to the Medical Out-patient Department, held on Friday mornings. Applications should be forwarded to the Secretary, from whom further details of the appointment may be obtained, and should be received not later than 24th December, 1940.

British Postgraduate Medical School.
(UNIVERSITY OF LONDON.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (A), to become vacant early in January, including R Practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than December 31st to the Dean, British Postgraduate Medical School, Ducane-road, London, W.12.

Evelina Hospital for Sick Children,
Southwark Bridge-road, S.E.1.

Applications are invited at once from registered Medical Practitioners, including R Practitioners within three months of qualification, for the combined appointment of HOUSE SURGEON-OUT-PATIENT OFFICER (A), for six months from the 1st January, 1941. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

W. H. SIDNELL, House Governor.

13th December, 1940.

Metropolitan Borough of Fulham.

TEMPORARY ASSISTANT MEDICAL OFFICER—RESIDENT.

Applications are invited from qualified Medical Practitioners of either sex for the position of Temporary Assistant Medical Officer and Resident Medical Officer at the Council's Maternity Home. Salary £7 7s. per week, with board and lodging free. The appointment will be subject to one month's notice.

Applications, giving full particulars of age, education, training, qualifications, and present and past appointments, accompanied by copies of not more than three recent testimonials, and endorsed "Temporary Assistant Medical Officer," should be delivered to the undersigned not later than 31st December.

WILFRED TOWNEND, Town Clerk.

Town Hall, Fulham, S.W.6.

London County Council.

Temporary ASSISTANT DISTRICT MEDICAL OFFICER required for Areas IX and X, District E (Part Borough of Lewisham). Provisional salary £175, including allowance for the use of surgery.

Person engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Engagement until 31st March, 1941, in first instance. Remuneration and conditions subject to review.

Vacancy exists during absence on War Service of the appointed Assistant District Medical Officer.

Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 8th January.

Canvassing disqualifies.

London County Council.

Temporary ASSISTANT DISTRICT MEDICAL OFFICER required for Areas IX and X, District G (Part Borough of Lewisham). Provisional salary £130.

Person engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Engagement until 31st March, 1941, in first instance. Remuneration and conditions subject to review.

Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 8th January.

Canvassing disqualifies.

Non-Resident Senior Surgeon (B1)

required by Middlesex County Council for HILLINGDON COUNTY HOSPITAL, NR. UXBRIDGE, MIDDLESEX (live near hospital). Must be registered medical practitioner with high qualifications and professional attainments. Salary £1,000 × £50–£1,500 p.a. *Established appointment* subject to medical examination and three months' notice. Applications, stating age, nationality, qualifications with dates, experience and details of present and previous appointments to the undersigned. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly disqualifies. Closing date January 4th, 1941. (Applications already received for previously advertised unestablished post will be considered for the above appointment.) Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

C. W. RADCLIFFE, "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Resident Obstetric Surgeon (A) required

by Middlesex County Council for NORTH MIDDLESEX COUNTY HOSPITAL, Silver Street, Edmonton, N.18. Must be registered Medical Practitioners (including R Practitioners within three months of qualification). Salary £120 per annum. Board, lodging and laundry. For six months, subject to medical examination and one month's notice. Whole-time duties as Council may require, under direction of Medical Superintendent. The Hospital has a large obstetric and gynæcological department and is approved for R.C.O.G. purposes. Post vacant 1st February, 1941.

Application, stating age, nationality, qualifications with dates, and details of previous appointments and experience to the undersigned. No application forms. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 4th January, 1941.

C. W. RADCLIFFE "B3," Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Resident Junior Assistant Medical

OFFICER (B2) required by Middlesex County Council for NORTH MIDDLESEX COUNTY HOSPITAL, Silver Street, Edmonton, N.18. Applications invited from registered medical practitioners (male or female) who have held resident appointments in general hospitals (including R practitioners who now hold A posts. Salary £250 p.a. Board, lodging, laundry. Wholetime general medical and surgical duties under supervision of Medical Superintendent. Subject to medical examination and one month's notice, is primarily for six months, may be extended for further 6 months. Post now vacant. Application, stating age, qualifications with dates, nationality, present post and previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 4th January, 1941.

C. W. RADCLIFFE, "B2" Clerk of the County Council.

Guildhall, Westminster, S.W.1.

Royal Northern Hospital, Holloway,
N.7.

Applications are invited from registered Medical Practitioners for the appointment of a HOUSE SURGEON (B2), to become vacant on January 15th for a period of six months, including R Practitioners who now hold A posts. Salary is at the rate of £70 per annum, plus extra emoluments and board, residence, and laundry.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than December 27th.

GILBERT G. PANTER, Secretary.

The Nelson Hospital, Merton, S.W.20.
(84 Beds.*)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the appointment of RESIDENT HOUSE SURGEON, Male (A), to become vacant on 1st December. If held by R Practitioners, appointment will be for a period of six months; otherwise it will befor six months in the first instance.

Salary at rate of £200 per annum, resident.

Candidates must be British by nationality and birth.

Applications, with copies of recent testimonials, should be sent to the Secretary forthwith.

* Hospital scheduled as Casualty Receiving Hospital under Emergency Hospital Scheme by which number of beds is brought up to 121.

Mansfield and District General
HOSPITAL.
(150 Normal Beds; 106 War Emergency Beds.)

Applications are invited from registered Medical Male Practitioners, including R Practitioners within three months of qualification, for the appointment of a HOUSE PHYSICIAN (A). The post also includes some Surgical, Casualty Department, and Anæsthetic duties. Duties to commence early in January, 1941. If held by an R Practitioner the appointment will be limited to six months.

Salary at the rate of £159 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by three copies of recent testimonials, should be sent to the undersigned forthwith.

A. ASHWORTH, Secretary.

St. Anne's Hospital, Altrincham,
CHESHIRE.

Applications are invited from registered medical practitioners for the appointment of a RESIDENT HOUSE SURGEON (A) at the above EAR, NOSE, AND THROAT HOSPITAL (50 beds), to become vacant on 19th January, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 4th January, 1941.

W. HUNT, Secretary.

45, Hardman Street, Manchester 3.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

City of Manchester.

PUBLIC HEALTH DEPARTMENT.

MONSALL HOSPITAL FOR INFECTIOUS DISEASES.
(600 Beds.)

APPOINTMENT OF
DEPUTY MEDICAL SUPERINTENDENT (B1).

The Public Health Committee invites applications from qualified Medical Men for the position of Deputy Medical Superintendent (B1) at the Monsall Hospital, Newton Heath, Manchester, 10, which will become vacant on March 20th, 1941. Every applicant must be a registered Medical Practitioner over thirty and under forty-five years of age, and must be willing to reside at the hospital.

Candidates must have held resident appointments at a general hospital, and must hold or have held appointments at a large fever hospital, and have a sound knowledge of infectious diseases and the keeping of clerical records. A knowledge of bacteriology and laboratory methods is essential. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary £550 per annum (no bonus), with board, residence, and laundry valued at £85 per annum in addition. Subject to the Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than January 8th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, December 14th, 1940.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.
(Normally 412 Beds. Class 1A.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (A) to become vacant on 8th January, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.
(Normally 412 Beds. Class 1A.)

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1). Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with full residential emoluments. The appointment will be for a period of twelve months.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

Huntingdon County Hospital.

VOLUNTARY GENERAL. (72 Beds.)

HOUSE SURGEON (A) required on January 1st, 1941. Salary £125 per annum, with board and residence. R practitioners within three months of qualification may apply, when appointment will be limited to six months.

Applications, with copies of two testimonials, stating age, sex, nationality, qualifications, and photograph if available, to Dr. C. E. Hicks.

Huntingdon County Hospital, Huntingdon.

Bradford City Sanatorium, Grassington.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of ASSISTANT MEDICAL OFFICER (A), including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months. Otherwise it will be for a period of one year. Salary £200 per annum, with full residential emoluments.

Form of application may be obtained from the Medical Officer of Health, Town Hall, Bradford, and should be returned not later than 3rd January, 1941.

N. L. FLEMING, Town Clerk.

Town Hall, Bradford, 13th December, 1940.

Borough of Bexley.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER
OF HEALTH (TEMPORARY).

Applications are invited from registered Medical Practitioners, holding a Diploma in Sanitary Science, Public Health, or State Medicine, for the whole-time appointment (temporary) of Assistant Medical Officer of Health at a salary of £500 per annum, rising by annual increments of £25 to a maximum of £700, subject to one month's notice on either side.

Travelling expenses incurred in the performance of the duties, where required, will be paid in addition to salary.

The appointment will be whole-time and the officer appointed will act under the supervision of the Medical Officer of Health. The duties will include the regular inspection by day or night as required of the public shelters in the Borough, and such other duties as may be required.

Forms of application may be obtained from the undersigned, and applications, accompanied by not more than three recent testimonials, must be received not later than the 8th January, 1941. The envelope must be endorsed "Assistant Medical Officer of Health."

W. WOODWARD, Town Clerk and Controller.

Danson Mansion, Bexleyheath, Kent.

Kettering and District General

HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

Crossley Sanatorium, Kingswood,

Nr. FRODSHAM.

Applications are invited from registered medical practitioners for the appointment of a RESIDENT HOUSE PHYSICIAN (A), to become vacant on the 1st February, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 4th January, 1941.

W. HUNT, Secretary.

45, Hardman Street, Manchester, 3.

Essex County Hospital, Colchester.

HOUSE PHYSICIAN (B2) wanted on 1st January, 1941. R Practitioners holding A posts may apply, when appointment will be limited to six months. Salary £180 per annum, with full residential emoluments.

Applications should be sent at once to the Secretary.

Doncaster Royal Infirmary.

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for an EYE HOUSE SURGEON AND HOUSE PHYSICIAN (Male) (A) required immediately.

The appointment is for six months.

Salary at the rate of £175 per annum, with residence, board, and laundry.

This large industrial area offers excellent opportunities for gaining experience.

Applications, accompanied by not more than three testimonials, to be sent to the undersigned immediately.

R. LANCASTER, Secretary-Superintendent.

Stockport Infirmary.

(159 Beds—5 Residents.)

Applications are invited from registered Medical Practitioners, Male or Female, for the appointment of a HOUSE SURGEON (A) (Aural, Eye, and Neurological), to become vacant on 15th January, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than first post 27th December.

H. G. PRICE, Secretary-Superintendent.

Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), to become vacant on Jan. 7th, 1941, including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

Three Counties Hospital, Arlesey, Beds.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Temporary Assistant Medical Officer. Suitably qualified Practitioners holding B2 or B1 appointments are invited to apply. Salary eight guineas per week, with board, lodging, and laundry.

Applications, stating age, nationality, experience, &c., and accompanied by copies of three recent testimonials, to be sent to the Medical Superintendent.

County Borough of Croydon.

PUBLIC HEALTH DEPARTMENT.

RESIDENT ASSISTANT MEDICAL OFFICER, MAYDAY HOSPITAL (B1).

Applications are invited for this post from registered Medical Practitioners of either sex. Candidates must have had practical hospital experience in Gynæcology and Obstetrics, and of ante- and post-natal clinics. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. The appointment will be for twelve months. Salary £350 per annum, with board-residence at the hospital, and laundry valued at £140.

The Officer appointed will be on the staff of the Medical Officer of Health and work under his administrative supervision.

Application forms may be obtained from the Medical Officer of Health, on receipt of a stamped addressed foolscap envelope, and should be returned to him not later than 11 A.M., Monday, 30th December, 1940, together with copies of three testimonials of recent date. Canvassing will disqualify.

E. TABERNER, Town Clerk.

Town Hall, Croydon, 10th December, 1940.

Emergency Hospital Scheme.

HORTHAM EMERGENCY HOSPITAL, Nr. BRISTOL.

APPOINTMENT OF JUNIOR MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners, Male, for the above appointment. The salary is at the rate of £200 per annum, with free board and residence, or an allowance at the rate of £100 per annum in lieu of these emoluments if living in billets.

Appointment will be temporary, subject to one month's notice on either side. R Practitioners within three months of qualification may apply, when the appointment will be for a period of six months.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent, Hortham Colony, Almondsbury, Nr. Bristol, not later than December 31st.

The appointment will be subject to the terms relating to the Emergency Hospital Scheme laid down by the Ministry of Health, and Corporation's conditions of service will not apply to the position.

Hospital of St. Cross, Rugby.

(150 average occupied Beds.)

APPOINTMENT OF RESIDENT MEDICAL OFFICER (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a Resident Medical Officer (A), vacant on January 2nd, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months, otherwise it will be for a period of six months, at the end of which time applicants will be eligible for a reappointment for a further six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

HARVEY RACE, F.C.I.S., F.H.O.A.,
Superintendent and Secretary.

Manchester Royal Infirmary.

Central Branch: Roby-street.

SENIOR HOUSE SURGEON (MALE) (B1).

The Board of Management invite applications for the above appointment. Applicants must be registered, must hold a Medical and Surgical qualification, and have had at least six months' experience as House Surgeon. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

The appointment is for twelve months, subject to the provisions of the Bye-Laws as to Notice. Salary £150 per annum, with board, residence, and allowance for laundry.

Applications (fifteen copies), stating age, to be sent to the undersigned not later than 9 A.M., Thursday, 26th December, 1940.

By Order.

F. J. CABLE, General Superintendent and Secretary.

9th December, 1940.

Victoria Hospital, Burnley.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (A), to become vacant immediately, including R Practitioners, within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. E. WHEATCROFT, Secretary.

Borough of Heston and Isleworth.

TEMPORARY ASSISTANT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners for the post of Temporary Assistant Medical Officer. A public health degree or diploma is desirable.

The duties will be mainly in connexion with the Maternity and Child Welfare and the School Medical Services, together with such other duties as the Medical Officer of Health may direct.

The salary will be at the rate of £500 per annum, rising by increments of £25 per annum to £700. The appointment is for a period of twelve months but may be extended and is terminable at any time by one month's notice.

Forms of application may be obtained from the Medical Officer of Health, 92, Bath-road, Hounslow, and completed applications, accompanied by not more than three recent testimonials and endorsed "Assistant Medical Officer," should be submitted to the undersigned not later than 3rd January, 1941.

HAROLD SWANN, Town Clerk.

Council House, Hounslow.

Royal Halifax Infirmary.

(250 Beds.)

RADIOLOGIST.

Applications are invited for the above appointment from fully qualified registered Medical Practitioners who have had experience in diagnostic and therapeutic radiology and who possess a recognised Diploma in Radiology.

Salary at the rate of £500 per annum, together with two thirds of fees for the treatment of paying patients.

Particulars and conditions can be obtained from the undersigned, to whom applications, stating age, qualifications, and experience, accompanied by the originals of not more than three recent testimonials, should be sent.

Special application forms are not required.

A. MIDGLEY, Secretary.

16th December, 1940.

The Bolton Royal Infirmary.

(327 Beds, including Two Auxiliary Hospitals.)

Applications are invited from registered medical practitioners for appointments as HOUSE SURGEONS (A), including R practitioners within three months of qualification. One post is mainly in charge of Gynecological and Ear, Nose and Throat Departments. Salary £150 per annum, with board, residence, and laundry.

Applications, stating age, nationality, and experience, together with copies of testimonials, to be forwarded to the undersigned not later than Saturday, December 28th, 1940.

H. AUBREY FROGGATT, Superintendent-Secretary.

County Borough of St. Helens.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the post of additional Assistant Medical Officer of Health (Male or Female).

The duties will normally be in connexion with the School Medical Service, but may include other duties on the staff of the Health Department, at the discretion of the Medical Officer of Health.

Candidates should have special experience in the diseases of children or experience in school medical inspection, and the possession of a Diploma in Public Health is desirable but not essential.

The salary will be at the rate of £500 per annum, rising by annual increments of £25 to a maximum of £700 per annum, plus travelling expenses, or in lieu a motor-car allowance, at present at the rate of £50 per annum. The salary is at present subject to a temporary war cost-of-living bonus at the rate of 6 per cent. on the first £300 and 3 per cent. on the next £200.

In the case of a candidate now in the service of another authority on a rising scale, recognition may be given to past service with such authority in fixing the commencing salary.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

Forms of application may be obtained from the Medical Officer of Health, Town Hall, St. Helens, and completed applications, accompanied by copies of not more than three recent testimonials, should reach him not later than the 31st December.

Canvassing members of the Council or Committees of the Corporation will be a disqualification.

FRANK HAUXWELL, Medical Officer of Health.

Town Hall, St. Helens, 6th December, 1940.

City of Manchester.

PUBLIC HEALTH DEPARTMENT.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited for the appointment of Assistant Medical Officer of Health.

The salary will be £700 per annum.

Applicants must be duly registered Medical Practitioners, holding a Diploma of Public Health, and possess experience of administrative work.

The person appointed will be required to act under the administrative control of the Medical Officer of Health, to devote the whole of his time to the duties of the office, and to reside within the city boundary.

Applications on the form provided (which will be sent by the Medical Officer of Health on request), together with copies of three recent testimonials, and endorsed on the envelope "Assistant Medical Officer," must be addressed to the Medical Officer of Health only and not to members of the Committee or of the Council, and must reach him not later than 28th December.

Canvassing is prohibited and will disqualify.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 6th December, 1940.

Dewsbury & District General Infirmary,

DEWSBURY. (100 Beds.)

Applications invited for the post of SECOND HOUSE SURGEON (A) (Male), including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Salary £150 per annum, with emoluments. The duties are principally those of a House Physician and Casualty Officer.

The Infirmary is a modern Voluntary Hospital with usual Special Departments staffed by Visiting Specialists.

Applications, stating age, qualifications with dates, and nationality, together with copies of recent testimonials, to be addressed to Secretary-Superintendent without delay.

General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered Medical Practitioners (Male and Female), including R Practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence early January, 1941. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

Royal Sussex County Hospital, Brighton

(380 Beds.)

APPOINTMENT OF A HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male) for the appointment of a House Surgeon (A), to become vacant about 31st January, 1941, including R Practitioners within three months of qualification. If held by an R Practitioner, appointment will be for a period of six months. Otherwise it will be for a period of at least six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 3rd January, 1941.

L. L. W. LANCASTER-GAYE, Secretary-Superintendent.

Southern Rhodesia Medical Service.

GOVERNMENT MEDICAL OFFICER.

Applications are invited from fully qualified, unmarried, Male Medical Practitioners, with surgical experience, for appointment as Government Medical Officer in the Southern Rhodesia Medical Service.

Salary will be on the scale £600–£25–£750 per annum. There is also a senior grade (£750–£25–£900) to which promotions are made as vacancies occur. Salary will commence from the date of assumption of duty in Southern Rhodesia. In addition, private practice is allowed.

The successful applicants will be required to sign an agreement for three years' service in the first instance, and thereafter may make application to be placed on the pensionable establishment.

A free second-class steamship passage to Cape Town and first-class railway ticket thence to Southern Rhodesia will be provided.

Canvassing, either directly or indirectly, will disqualify applicants.

The applicants should state the date on which they would be prepared to leave England if appointed.

Applications, stating age, qualifications, and experience, together with copies of testimonials, should reach the Official Secretary, Office of the High Commissioner for Southern Rhodesia, Rhodesia House, 429, Strand, London, W.C.2 (from whom further particulars and application form may be obtained).

Chorley and District Hospital,

CHORLEY, LANCS.

(Voluntary General Hospital with 100 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE SURGEON (A), including R Practitioners within three months of qualification, to commence duty in February next. If held by an R Practitioner, appointment will be for a period of six months, otherwise the appointment is renewable for a further period. Salary £150 per annum.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Saturday, 4th January, 1941.

C. H. SPENCE, Secretary-Superintendent.

Royal Cornwall Infirmary, Truro.

(185 Beds.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (A) in charge of the MEDICAL, EYE, EAR, NOSE, AND THROAT DEPARTMENT, including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be limited to a period of six months, otherwise it will be renewable.

Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 22nd December.

W. E. GRENFELL, Hon. Secretary.

9th December, 1940.

Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 7th December, 1940.

Ancoats Hospital, Manchester, 4.

HOUSE SURGEON (General) required (A post), to commence duty at the end of January, 1941. Appointment for six months. Salary £100 per annum, with full residential emoluments.

Applications, including R Practitioners within three months of qualification, stating age, experience (if any), qualifications with dates, nationality, and if insured with a Medical Defence Union, to be forwarded to the undersigned on or before 31st December, together with copies of three recent testimonials.

By Order of the Board,

HERBERT J. DAFFORNE,
General Superintendent and Secretary.

Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURSLAND, Secretary.

AMENDED ADVERTISEMENT.

The Royal Infirmary, Sunderland.

APPOINTMENT OF ORTHOPÆDIC HOUSE SURGEON (B2).

Applications are invited from Male registered Medical Practitioners for the appointment of Orthopædic House Surgeon (B2). R Practitioners who now hold A posts are invited to apply, when the appointment will be limited to six months. Otherwise it will be for six months in the first instance.

The salary is at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

Bootle General Hospital, Linacre Lane,

BOOTLE, LIVERPOOL, 20.
(131 Beds.)

HOUSE SURGEON.
HOUSE SURGEON TO SPECIALS DEPARTMENT.
CASUALTY OFFICER.

Applications are invited from registered Medical Practitioners, Male and Female, for the above A appointments, including R Practitioners within three months of qualification.

Appointments are for a period of six months from 1st January, 1941, and salary at the rate of £150 per annum, with full residential emoluments.

Application, stating age, qualifications with details, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

A. J. COOPER, Secretary-Superintendent.

County Borough of Brighton.

JUNIOR RESIDENT MEDICAL OFFICER (B2) AT THE INFECTIOUS DISEASE HOSPITAL AND SANATORIUM.

Applications are invited for the above appointment from registered medical practitioners, and in the case of male applicants this includes R practitioners who now hold A posts.

Salary £250 per annum, with board and lodging.

The appointment is for a period of six months and affords opportunities for experience in all branches of the work of a Health Department, including Civil Defence duties.

Particulars and forms of application can be had from the undersigned.

Applications must be delivered at my office not later than Monday, 13th January, 1941.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton, 1, 16th December, 1940.

County Borough of Brighton.

SENIOR RESIDENT MEDICAL OFFICER (B1) AT THE INFECTIOUS DISEASE HOSPITAL AND SANATORIUM.

Applications are invited for the above appointment from duly qualified medical practitioners under 40 years of age, including in the case of male applicants, suitably qualified R practitioners holding B2 or B1 appointments.

The salary will be at the rate of £450 per annum, rising by annual increments of £25 to £500, together with board and lodging. Candidates should possess the Diploma in Public Health and have had experience in Infectious Disease and Bacteriological work. The post affords good opportunities of obtaining an insight into all branches of work of the Health Department, and Civil Defence duties.

Forms of application, with particulars of duties, etc., may be obtained from the undersigned. The successful candidate will be required to pass a medical examination before being appointed.

Applications (with copies of three recent testimonials enclosed), endorsed "Appointment of Senior Resident Medical Officer," must be delivered at my office not later than Monday, 13th January, 1941.

Canvassing members of the Council, either directly or indirectly, will disqualify any applicant for the position.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton 1, 16th December, 1940.

The Chester Royal Infirmary.

(Normal Capacity 225 Beds.)

Applications are invited from registered Medical Practitioners for the appointment of a NON-RESIDENT ORTHOPÆDIC REGISTRAR (B1) to take up duty on 1st January, 1941.

Applicants should have held house appointments and had experience in Orthopædics. Preference will be given to candidates holding diploma of F.R.C.S.

Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with lunch and tea, and certain other professional emoluments.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 24th December, from whom copy of the rules of the appointment may be obtained.

W. H. GRACE, Hon. Secretary, Medical Committee.

The Corbett Hospital, Stourbridge,

WORCS.

100 Beds, Special Departments and Emergency Beds.
Appointment of HOUSE SURGEON (A).
Appointment of HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, male and female, for the appointment of House Surgeon (A) and House Physician (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointments will be made for six months in each case.

Salary is at the rate of £100 per annum for House Surgeon and £125 for House Physician with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

City of Lincoln.

ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from male registered medical practitioners, married or single, for the appointment of Assistant Medical Officer of Health who will be required to act as RESIDENT MEDICAL OFFICER at the BURTON ROAD HOSPITAL. Salary £600–£25–£700 plus war bonus. Further particulars and forms of application may be obtained from the Medical Officer of Health, City Health Department, Beaumont Fee, Lincoln, to whom applications should be returned not later than January 13th, 1941.

G. H. BANWELL, Town Clerk.

Town Clerk's Office, Saltergate, Lincoln.

Surrey County Council.

TEMPORARY ASSISTANT MEDICAL OFFICERS.

Applications are invited for the appointment of Temporary Assistant Medical Officers. Applicants must possess a qualification in Public Health. The main duties will be in connection with the School Medical and Maternity and Child Welfare Services, but the Officers appointed will be required to undertake such other Public Health duties as may be allocated to them. They will be on the staff of the County Medical Officer of Health, must reside in the County of Surrey, and devote their whole time to the work.

Salary at the rate of £600 per annum. Travelling expenses in accordance with the Council's scale will be allowed.

The appointments will be subject to the approval of the Ministry of Health and the Board of Education, to the successful candidates passing a medical examination, to the provisions of the Local Government Superannuation Act, 1937, and to the staffing Regulations of the Council, which provide, inter alia, that appointments may be determined at any time by three months' notice.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be made on the prescribed form and sent to the County Medical Officer of Health, Technical College, Stoke Park, Guildford, from whom copies of the application form may be obtained, and to whom any enquiries relating to the appointment should be addressed.

Last day for receipt of applications, 7th January, 1941.

Canvassing, directly or indirectly, will disqualify.

DUDLEY AUKLAND, Clerk of the County Council.

Technical College, Stoke Park, Guildford, 16th December, 1940.

Royal East Sussex Hospital, Hastings.

Applications are invited from registered Medical Practitioners for the appointment of JUNIOR HOUSE SURGEON (A), to become vacant on January 15th, 1941.

R Practitioners within three months of qualification may apply, when appointment will be limited to six months.

Salary at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 1st next.

WILFRED G. KEMSLEY, House Governor.

City of Leicester.

CITY GENERAL HOSPITAL.

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners for the appointment of a Resident Medical Officer for mainly medical duties, including R Practitioners who now hold A posts, within three months of qualification. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of six months and renewable for a further six months. Salary is at the rate of £300 per annum, with full residential emoluments.

Preference will be given to those with, or reading for, higher qualifications.

Applications (on forms supplied), accompanied by copies of three recent testimonials, must be received not later than Monday, 30th December, endorsed "R.M.O.," addressed to the undersigned.

E. K. MACDONALD, Medical Officer of Health.

Health Department, Grey Friars, Leicester,
December, 1940.

Papworth Village Settlement.
(500 Beds.)

APPOINTMENT OF ASSISTANT MEDICAL OFFICER (B1).

Applications are invited for the appointment of an Assistant Medical Officer, at a salary of £300 per annum, with board and residence, for a period of six months in the first place. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply, stating age, qualifications, sex, and nationality.

Applications, accompanied by copies of three recent testimonials, should be sent to the DIRECTOR, Papworth Village Settlement, Papworth Hall, Cambridge.

Manchester Northern Hospital
(General Hospital, 113 Beds),
Cheetham Hill-road, MANCHESTER, 8.

Applications are invited for the posts of RESIDENT HOUSE PHYSICIAN (A) and RESIDENT HOUSE SURGEON (A). Salary £100 per annum, with board and residence. R Practitioners within three months of qualification invited to apply.

The appointments are for six months from 20th January, 1941.

Applications, stating age, qualifications, and nationality, with copies of not less than three recent testimonials, should be sent to Mr. JAMES C. DANIELS, Secretary, 38, Barton-arcade, Manchester, 3, by 4th January.

Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of House Surgeon (A), to become vacant on January 1st, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. A. BEARDSALL, Secretary-Superintendent.

Swansea General and Eye Hospital.
(336 Beds.)

Applications are invited for the following vacant appointments:—

(1) RESIDENT ANÆSTHETIST (B2), from registered Medical Practitioners (Male, Single), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months. Salary £150 per annum for first six months and at rate of £200 per annum for second six months, with full residential emoluments.

(2) HOUSE SURGEON (A), from registered Medical Practitioners (Male, Single), including R Practitioners within three months of qualification. Appointment will be for a period of six months. Salary £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

O. C. HOWELLS, Secretary-Superintendent.

The Royal Hospital, Wolverhampton.
(Incorporated under Royal Charter.)
(310 Beds.)

Applications are invited from registered Medical Practitioners, including R Practitioners within three months of qualification, for the following posts:—

CASUALTY SURGEON (A), vacant now.

Salary at the rate of £100 per annum with full residential emoluments.

Also RESIDENT ANÆSTHETIST (B2), vacant now. R Practitioners holding A posts may apply. Salary at the rate of £200 per annum, with full residential emoluments.

The appointments are for six months.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

W. H. HARPER, House Governor.

Wolverhampton, 16th December, 1940.

Hove General Hospital.

APPOINTMENT OF JUNIOR RESIDENT MEDICAL OFFICER (A).

Applications are invited for the above post from registered Medical Practitioners (Male), including R Practitioners within three months of qualification. The appointment is for six months but might be extended in the case of non-R Practitioners. The duties include the charge of a number of beds, medical and surgical, in addition to extensive out-patient and casualty work. Salary is at the rate of £120 per annum, with full residential emoluments and some fees in respect of private patients.

Applications, stating age and qualifications, accompanied by copies of recent testimonials, to reach the undersigned as soon as possible. R. A. KINGSNORTH, Acting Secretary.

Royal Berkshire Hospital, Reading.

Applications are invited from registered Medical Practitioners (Male) for the appointment of RESIDENT ANÆSTHETIST (B2) to become vacant on January 1st, 1941, including R Practitioners who now hold A posts.

The appointment is for six months. A salary of £250 per annum, with board, residence, and laundry, will be paid to the candidate possessing suitable qualifications for the post.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

Herefordshire General Hospital,
HEREFORD. (152 Beds.)

Immediate applications are invited from registered Medical Practitioners (Male) for the appointment of a HOUSE SURGEON (A) in charge of CASUALTY and EAR, NOSE, AND THROAT DEPARTMENTS, including R Practitioners within three months of qualification. The appointment will be limited to six months.

Salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

T. W. UPTON, Secretary.

Calderstones Emergency Hospital,
WHALLEY, near BLACKBURN, LANCS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners (Male) for the appointment of House Surgeon (B2) to become vacant on 1st February, 1941, including R Practitioners who hold now A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise it will be for a period of six months in the first instance. The salary is at the rate of £200 per annum, with full residential emoluments.

APPOINTMENT OF THREE HOUSEMEN
(Medical or Surgical, A Posts).

Applications are invited from registered Medical Practitioners (Male) for the appointment of three Housemen (Medical or Surgical, A posts), including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to THE MEDICAL SUPERINTENDENT not later than the 14th January, 1941.

Part-time employment offered to doctor preparing medical pamphlets for promotion of ethical products to doctors. Experience essential. Office accommodation and reference books available. Should be resident in or near London. Applications treated in confidence.—Address, GOLDS, WILLIAM R. WARNER & CO., LTD., Power-road, Chiswick, W.4.

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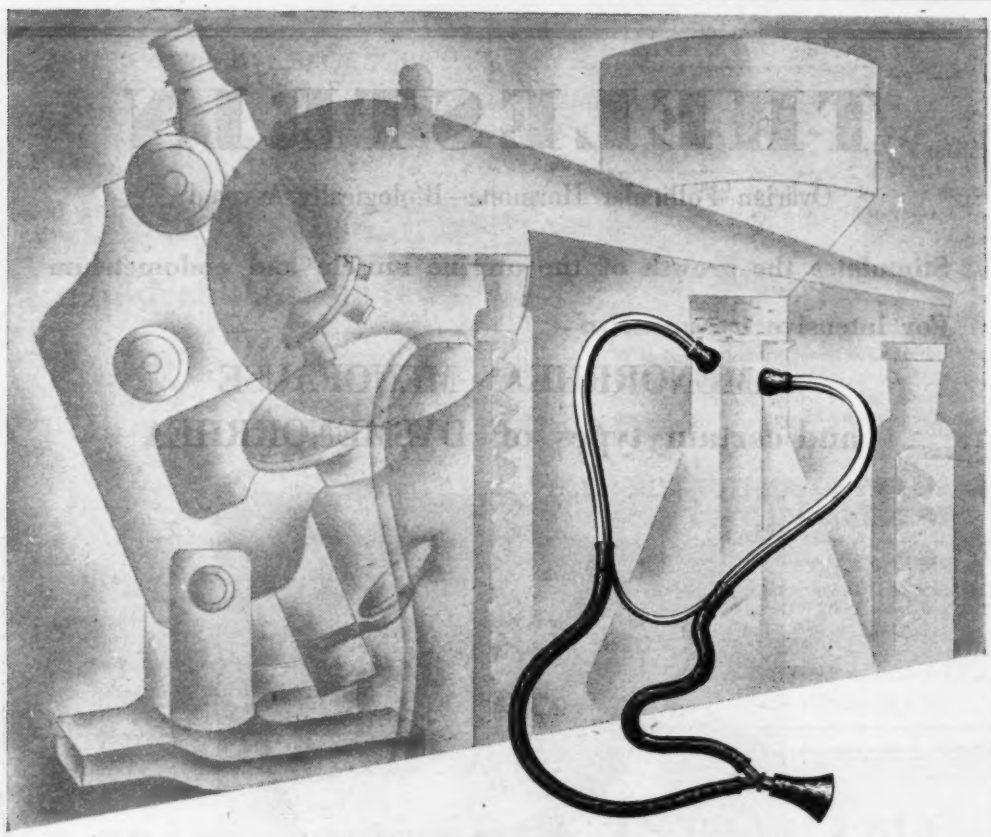

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contains, in a semi-fluid base, the sterile vaccine filtrates of **STAPHYLOCOCCI, STREPTOCOCCI, B. PYOCYANEUS, PNEUMOCOCCI FRAENKEL AND GONOCOCCI**

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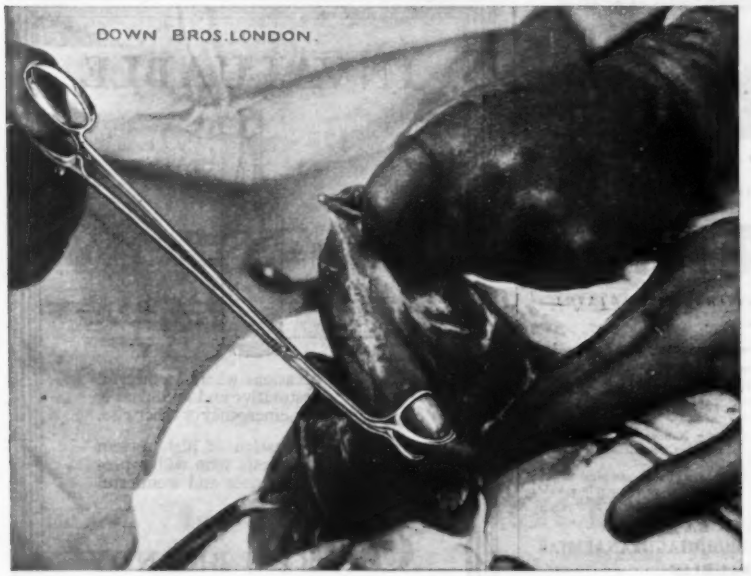

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BY

T. B. MOUAT
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Vide THE LANCET, *Nov. 12, 1938*

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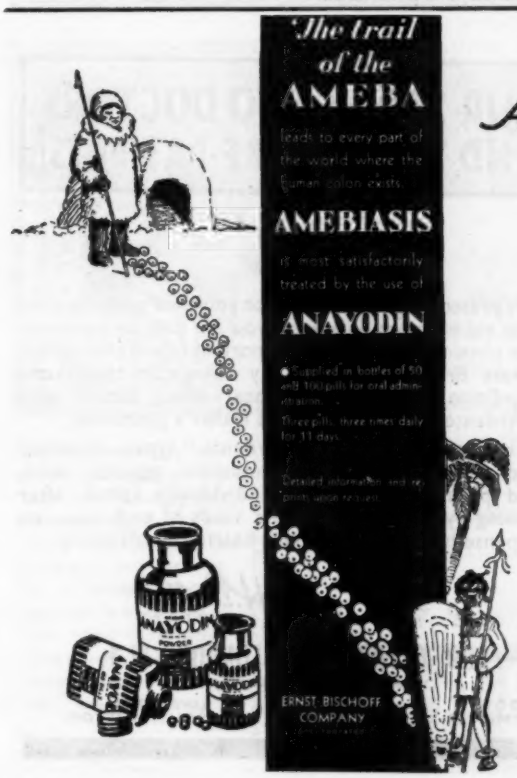

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As diet, drinks, hot baths, whence sweat is growing,
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The prophylactic measures against the humours, vomiting and blood-letting, have lost their significance in medicine; but purging, in its milder form of laxation, is important as ever when constipation interferes with the normal functioning of the eliminatory tract.

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Syrup of Wild Cherry..	m. 6	Syrup to	.. 1 fl. dr.

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MARMITE *to combat* winter illnesses

Normally by this time of the year most people have had a holiday which helps to fortify them against winter illnesses, but this year many have had no rest period and epidemics threaten to become a real danger unless resistance can be built up in good time.

Transport difficulties, the black-out, disturbed sleep and congregation in shelters all undermine health, and every possible measure must be taken to avoid sickness. A high standard of nutrition for everyone is essential for the maintenance of the health of the nation.

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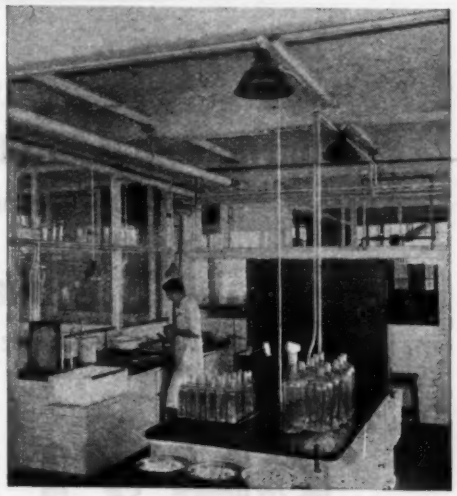

Recent correspondence in the medical press (*Brit. Med. Journ.*, October 12th, 1940, p. 503) has emphasised the fact that '. . . the possibility of epidemics of the typhoid group of fevers has been for some time in the minds of many.'

Protection of individual patients against organisms of the typhoid-paratyphoid group will materially reduce the danger, not only to themselves but to the community at large.

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Vide THE PRESCRIBER, Jan., 1938

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References: Lancet, *November 16th, page 621.*
B.M.J. *November 16th, page 679.*

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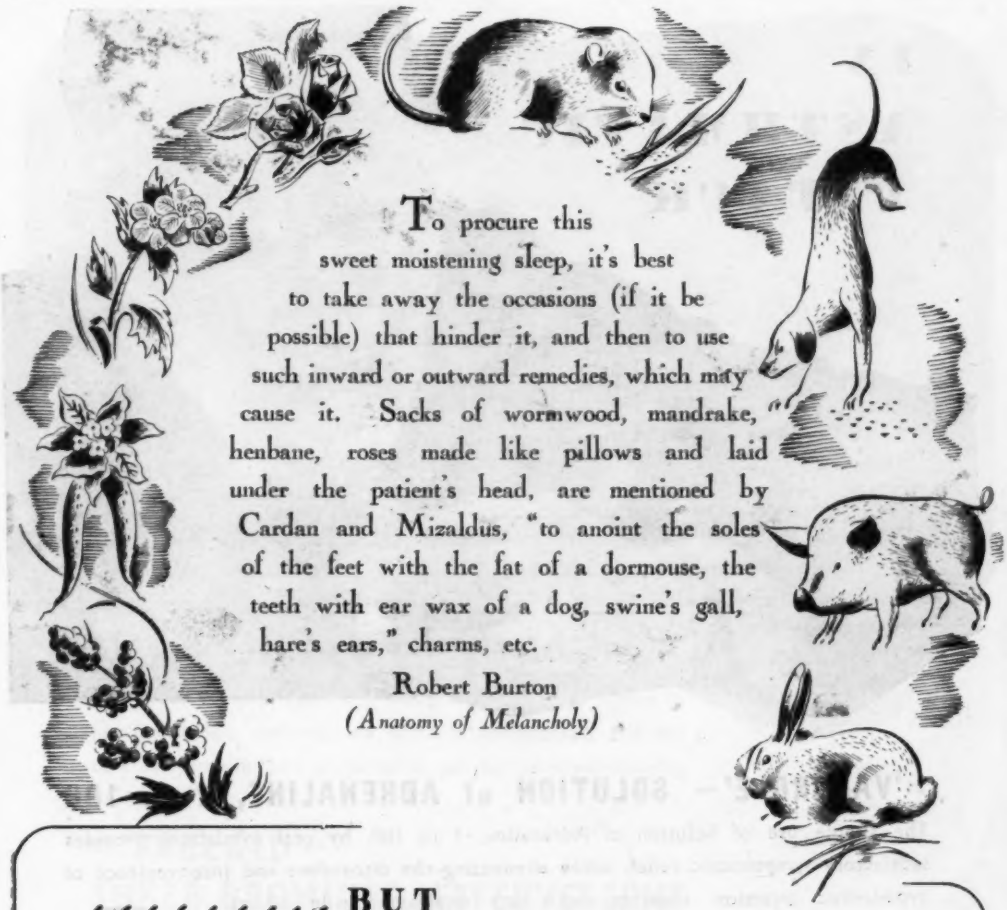

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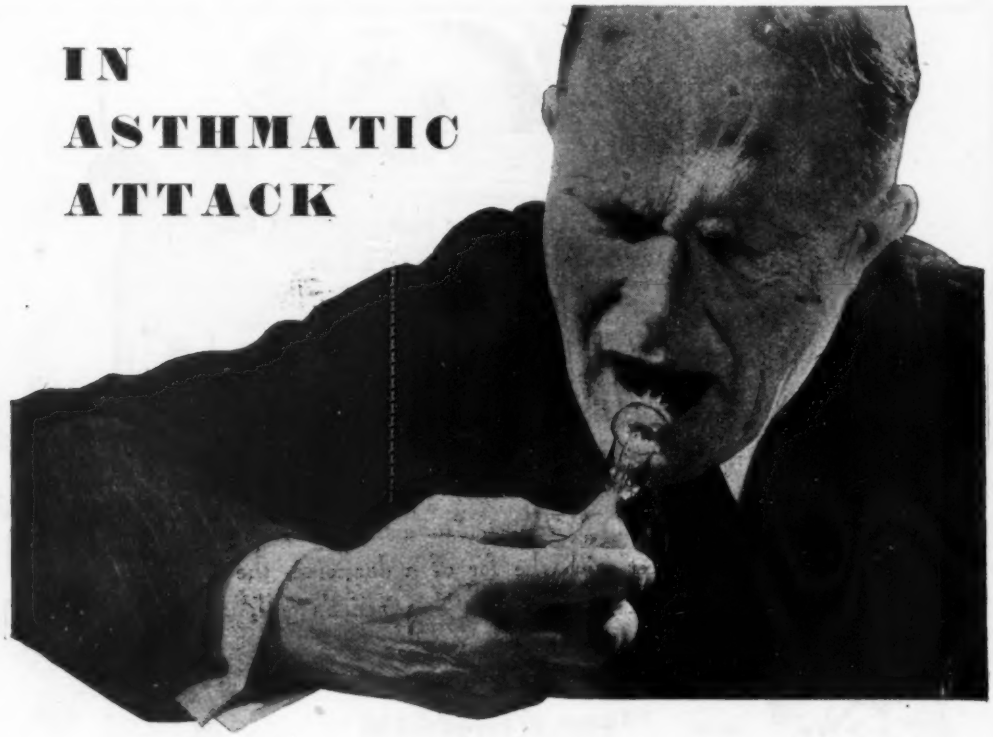

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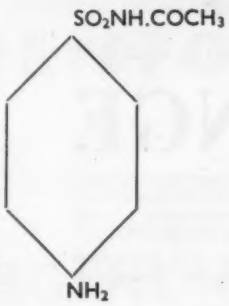

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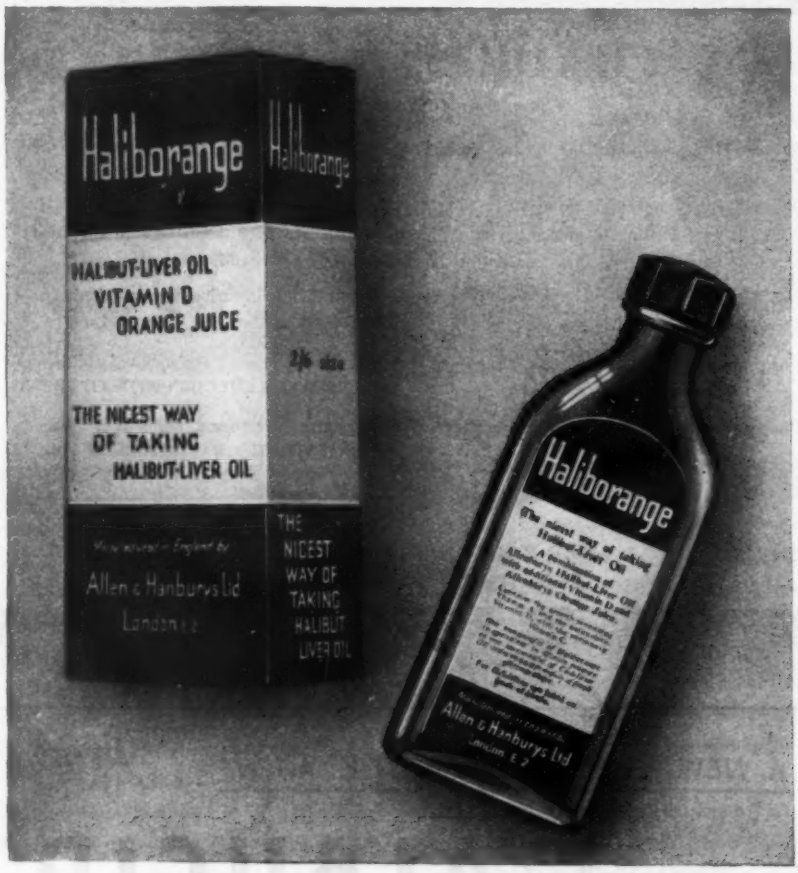

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PROC. ROY. SOC. MED. Vol. XXIX. Page 1094

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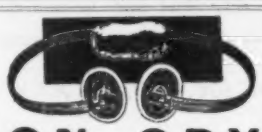

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COURSES OF INSTRUCTION.

Arrangements have been made with the London School of Hygiene and Tropical Medicine and with the Colonial Office that, for the duration of the war, courses of instruction in Tropical Medicine and Hygiene will be held alternately in London and Liverpool. The next course for the Diploma in Tropical Medicine, lasting about three months, will be held in Liverpool and will commence on January 7th, 1941.

Prospectus from the Laboratory Secretary, School of Tropical Medicine, Pembroke Place, Liverpool, 3.

TREATMENT OF PATIENTS.

There is an outpatient department at the School for all sufferers from diseases contracted in the tropics. Cases needing hospital treatment are admitted to the Tropical Ward (general and private wards) of the Liverpool Royal Infirmary, which adjoins the School. Special arrangements are made for civil servants and for members of certain firms who are regular subscribers to the School.

BROOKE HOUSE, CLAPTON

A PRIVATE HOME for the treatment of Nervous and Mental Disorders in both sexes. Situated in nine acres of Pleasure Grounds.

Voluntary, Temporary, and Certified Patients received.

For further particulars apply—
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THE COPPICE, NOTTINGHAM.
HOSPITAL FOR MENTAL DISEASES.
President: The Right Hon. LORD BELPER.

This Institution is exclusively for the reception of a limited number of PRIVATE PATIENTS of both sexes, of the UPPER and MIDDLE CLASSES, at moderate rates of payment. It is beautifully situated in its own grounds, on an eminence a short distance from Nottingham, and commands an extensive view of the surrounding country; and from its singularly healthy position and comfortable arrangements affords every facility for the relief and cure of those mentally afflicted. Voluntary and Temporary Patients received. Occupational Therapy. For terms, &c., apply to the Medical Superintendent.
Telephone: 64117 Nottingham.

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For sixteen months of war the Royal Medical Foundation (of Epsom College) has continued to pay every pension and every grant, in spite of an inevitable drop in subscriptions and donations.

During this past year and a quarter the circumstances of many of our pensioners have worsened: they have lost the few pounds given them, from time to time, by old friends, as their letters tell us, though there is hardly ever a complaint: just nothing but gratitude.

Some of our subscribers, though badly hit themselves, have increased and even doubled their help, which is wonderful.

To all who can help us in this great charitable work during 1941 we would wish to say "Thank You," in all sincerity, on behalf of those who can no longer help themselves.

Subscriptions and donations may be sent to any of us, or to:—

THE SECRETARY,
EPSOM COLLEGE, SURREY.

JOHN FAWCETT, *Treasurer.*
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CARRYING ON!

THE MEDICAL SICKNESS SOCIETY

The Society's business is unaffected. At the outbreak of war all records and papers were moved to "Highfield," Chesterton, Cirencester, Glos.

All new business and any general enquiries in the London area will be dealt with at "Salcombe," High Road, Bushey Heath, Herts. Tel. No. Bushey Heath 1502.

THE MEDICAL SICKNESS SOCIETY IS CARRYING ON

BRITISH POSTGRADUATE MEDICAL SCHOOL

(UNIVERSITY OF LONDON)

WAR SURGERY OF THE EXTREMITIES—January 6th-10th, 1941

Monday, 6th Jan.	10 A.M.	General Principles of War Surgery of the Limbs.	Prof. G. Grey Turner, LL.D., B.Ch., M.S., F.R.C.S., F.R.A.C.S., F.A.C.
	11.15 A.M.	Administrative Problems in War Surgery.	Lt. Col. T. B. Nicholls, M.B., Ch.B.
	2 P.M.	Demonstration of Specimens illustrating War Wounds of the Extremities, at the Royal College of Surgeons.	
Tuesday, 7th Jan.	10 A.M.	Wounds of the Extremities, with or without Fractures.	
	1.30 P.M.	Radiological Investigation of Wounds of the Extremities.	Dr. J. Duncan White, M.B., Ch.B., D.M.R.E.
	2.30 P.M.	Shock.	Dr. J. McMichael, M.D., F.R.C.P.
Wednesday, 8th Jan.	10 A.M.	War Burns.	Mr. H. J. B. Atkins, F.R.C.S.
Wednesday (*cont.*)	11.15 A.M.	Sepsis.	Prof. J. Paterson Ross, F.R.C.S.
	1.30 P.M.	Tetanus.	
	2.30 P.M.	Demonstration on the Cadaver of Useful Exposures.	Mr. A. K. Henry, M.B., M.Ch., F.R.C.S.
Thursday, 9th Jan.	10 A.M.	Wounds of the Joints.	Mr. V. Zachary Cope, M.D., M.S., F.R.C.S.
	11.15 A.M.	Gas Gangrene and Other Anaerobic Infections.	Mr. G. T. Mullally, M.C., M.S., F.R.C.S.
	1.30 P.M.	Blood Transfusion.	
	2.30 P.M.	Injuries of Hands and Feet.	Mr. A. K. Henry, M.Ch., F.R.C.S.
Friday, 10th Jan.	10 A.M.	Secondary Hæmorrhage. Traumatic Aneurysm.	Surg. Rear-Admiral G. Gordon-Taylor, M.S., F.R.C.S.
	1.45 P.M.	Amputations.	Mr. Jenner Verrall, F.R.C.S.
	3 P.M.	Plaster Technique.	Mr. A. Ruscoe Clarke, F.R.C.S.

The fee for the Course will be one guinea, but no fee will be charged in the case of Officers of the Armed Forces, and E.M.S., who submit a leave certificate and register their names before the commencement of the Course.

Applications for tickets should be addressed to the Dean, British Postgraduate Medical School, Ducane Road, London, W.12.

STATIONS: Wood Lane (Central London Railway), Ladbroke Grove (Metropolitan Railway) and No. 7 (Acton Vale) bus.

BUSES: No. 7 (Acton Vale), Nos. 72 and 105 to Bloemfontein Road, Westway. TROLLEY-BUSES: Nos. 628 and 630.

Telephone: WELbeck 2728 Telegrams: "ASSISTIAMO, LONDON"

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ESTABLISHED IN 1853.

A PRIVATE HOME for the treatment of gentlemen suffering from Mental and Nervous illness, including the allied Disorders of Alcoholism and the Drug Habit. All types of early Mental and Nervous Cases are received without Certificates as Voluntary Patients under the provisions of the Mental Treatment Act, 1930. Bracing hill country. See "Medical Directory," p. 2358.—Apply to the Medical Superintendent. 'Phone 10 P.O., Church Stretton.

THE RETREAT, YORK

The Pioneer Hospital, opened 1796, for the humane treatment of those suffering from Nervous and Mental Disorder

This Hospital of 200 beds, administered by a Committee of the Society of Friends, combines what is best in the investigation and treatment of nervous illness with a sympathetic and friendly atmosphere. Last year 118 patients were admitted, of whom 84 were voluntary cases.

Much curative work is accomplished in our mental hospitals to-day and the recovery rate compares very favourably with that of our general hospitals.

For information and terms of admission apply to :—
The Physician Superintendent,
ARTHUR POOL, M.R.C.P.
(Telephone : York 3612)
who is available for consultation

THE OLD MANOR SALISBURY

A Private Hospital for the Care and Treatment of those of both sexes suffering from MENTAL DISORDERS.

Extensive grounds. Detached Villas. Chapel. Garden and Dairy Produce from own farm. Terms very moderate.
CONVALESCENT HOME AT BOURNEMOUTH Detached Villas standing in 12 acres of ornamental grounds, with tennis courts, etc., which Voluntary, Temporary or Certified Patients may visit by arrangement for long or short period.
Illustrated Brochure on application to the Medical Superintendent. The Old Manor, Salisbury. Telephone: Salisbury 3216 and 3217.

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NEWTON-LE-WILLOWS, LANCASHIRE.

For the reception and treatment of PRIVATE PATIENTS of both sexes of the UPPER AND MIDDLE CLASSES suffering from Mental and Nervous Disorders, Alcoholism and Drug addiction, either voluntarily, temporarily, or under certificate. Patients are classified in separate buildings according to their mental condition. Situated in park and grounds of 400 acres. Self-supported by its own farm and gardens in which patients are encouraged to occupy themselves. Every facility for indoor and outdoor recreation. For terms, prospectus, etc., apply MEDICAL SUPERINTENDENT. *'Phone:* Ashton-in-Makerfield 7311. *Tele. Address:* Street, Ashton-in-Makerfield.

CRICHTON ROYAL, DUMFRIES

For NERVOUS AND MENTAL DISORDERS

Separate Villa for patients suffering from the effects of alcoholism and drug addiction. Every facility for complete investigation and individual treatment on the most modern lines. Fully equipped gymnasium, golf course, and indoor swimming pool. Specially trained occupational and recreational therapists. **Special Department for Insulin Therapy.** As the hospital is well endowed terms are exceptionally moderate, e.g., First Department from 3 guineas per week, Second Department, 2 and 2½ guineas per week. Voluntary and certified patients are received. Medical Certificates given anywhere in the British Isles are valid for admission of patients. *For prospectus, necessary forms, and further information apply to :—*
Physician Superintendent, P. K. McCowan, J.P., M.D., F.R.C.P., D.P.M., Barrister-at-Law. *Tel.* Dumfries 1119.

CALDECOTE HALL
NUNEATON
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('Phone : Nuneaton 241)

Residential treatment of
"Nervous Disorders" & Alcoholism
(Certifiable cases are not received)

This beautiful mansion situated in the heart of the country (less than two hours from London by L.M.S.R.) and surrounded by charming pleasure grounds in which games and outdoor occupational therapy are available is devoted to the treatment of Alcoholism and "Nerves" by psychotherapeutic and ancillary methods.

Illustrated Brochure and particulars obtainable from A. E. CARVER, M.D., D.P.M., Resident Medical Superintendent.

TOR-NA-DEE SANATORIUM

Managing Director : DAVID LAWSON, M.D., F.R.S.E.

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS AND ALLIED DISEASES

Medical Superintendent : R. Y. KEERS, M.D.(Edin.)

For prospectus apply to The Secretary, Tor-na-Dee, Murtle, Aberdeenshire Telephone : Cults 107

NORTHUMBERLAND HOUSE
GREEN LANES,
FINSBURY PARK, N.4

A PRIVATE HOSPITAL for the treatment of mental and nervous illnesses. Conveniently situated and easy of access from all parts. Six acres of ground facing Finsbury Park. Voluntary and Temporary Patients received without certification. Occupational Therapy, Psychotherapy, and other modern forms of treatment. Air-raid Shelters have been provided.
Telephone: Stamford Hill 2688. *Telegrams:* "SUBSIDIARY, LONDON."
For further particulars apply to the MEDICAL SUPERINTENDENT.

ST. ANDREW'S HOSPITAL

FOR NERVOUS AND MENTAL DISORDERS,

NORTHAMPTON

FOR THE UPPER AND MIDDLE CLASSES ONLY.

PRESIDENT: THE MOST HON. THE MARQUESS OF EXETER, K.G., C.M.G., A.D.C.

MEDICAL SUPERINTENDENT: THOMAS TENNENT, M.D., M.R.C.P., D.P.H., D.P.M.

This Registered Hospital is situated in 130 acres of park and pleasure grounds. Voluntary patients, who are suffering from incipient mental disorders or who wish to prevent recurrent attacks of mental trouble; temporary patients, and certified patients of both sexes are received for treatment. Careful clinical, bio-chemical, bacteriological, and pathological examinations. Private rooms with special nurses, male or female, in the Hospital or in one of the numerous villas in the grounds of the various branches can be provided.

WANTAGE HOUSE

This is a Reception Hospital in detached grounds with a separate entrance, to which patients can be admitted. It is equipped with all the apparatus for the complete investigation and treatment of Mental and Nervous Disorders by the most modern methods; insulin treatment is available for suitable cases. It contains special departments for hydrotherapy by various methods, including Turkish and Russian baths, the prolonged immersion bath, Vichy Douche, Scotch Douche, Electrical baths, Plombieres treatment, etc. There is an Operating Theatre, a Dental Surgery, an X-Ray Room, an Ultra-violet Apparatus, and a Department for Diathermy and High-frequency treatment. It also contains Laboratories for bio-chemical, bacteriological, and pathological research. Psychotherapeutic treatment is employed when indicated.

MOULTON PARK

Two miles from the Main Hospital there are several branch establishments and villas situated in a park and farm of 650 acres. Milk, meat, fruit, and vegetables are supplied to the Hospital from the farm, gardens, and orchards of Moulton Park. Occupational therapy is a feature of this branch, and patients are given every facility for occupying themselves in farming, gardening, and fruit growing.

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The seaside house of St. Andrew's Hospital is beautifully situated in a Park of 330 acres, at Llanfairfechan, amidst the finest scenery in North Wales. On the North-West side of the Estate a mile of sea coast forms the boundary. Patients may visit this branch for a short seaside change or for longer periods. The Hospital has its own private bathing house on the seashore. There is trout-fishing in the park.

At all the branches of the Hospital there are cricket grounds, football and hockey grounds, lawn tennis courts (grass and hard courts), croquet grounds, golf courses, and bowling greens. Ladies and gentlemen have their own gardens, and facilities are provided for handicrafts, such as carpentry, etc.

For terms and further particulars apply to the Medical Superintendent (TELEPHONE: No. 2356 and 2357 Northampton), who can be seen in London by appointment.

CHEADLE ROYAL HOSPITAL, Cheadle, Cheshire.

This REGISTERED HOSPITAL, with a SEASIDE BRANCH at Colwyn Bay, N. Wales, is for the treatment and care of those of the Upper and Middle Classes suffering from MENTAL AND NERVOUS DISEASES.

The Hospital is governed by a COMMITTEE, appointed by the TRUSTEES of the Manchester Royal Infirmary.

In addition to the Main Buildings there are separate villas. Extensive grounds. Hard and grass tennis courts, cricket and croquet grounds, and a court for badminton. There are also wireless installations. Golf may be had within easy distance. Occupational Therapy.

VOLUNTARY, TEMPORARY, AND CERTIFIED PATIENTS received.

The Hospital is nine miles from Manchester, 50 minutes by rail from Liverpool, and 3½ hours from London.

For terms and further particulars apply to the Medical Superintendent, who may be seen in Manchester BY APPOINTMENT. *Telephone: Gatley* 2231 (3 lines).

CAMBERWELL HOUSE

Telegrams: "PSYCHOLIA, LONDON." 33, PECKHAM RD., LONDON, S.E.5. Telephone: Rodney 4242 (2 lines).

For the treatment of MENTAL DISORDERS.

Also completely detached Villas for Mild Cases, with private suites if desired. Voluntary Patients received. Twenty acres of Grounds. Hard and Grass Tennis Courts, Putting Greens, Bowls, Croquet, Squash Rackets, Recreation Hall with Badminton Court, and all indoor amusements, including Wireless and other Concerts, Occupational Therapy, Calisthenics, and Dancing Classes. X-ray and Actino-therapy, Prolonged Immersion Baths, Operating Theatre, Pathological Laboratory, Dental Surgery, and Ophthalmic Department. Chapel. **Shock and also modified Insulin Therapy.**

Senior Physician: DR. HUBERT JAMES NORMAN, assisted by a resident Medical Staff, and visiting Consultants.

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The Convalescent Branch is Hove Villa, Brighton, and is 200 feet above sea level.

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First opened in 1898 and rebuilt in 1925 on the Cotswold Hills seven miles from Cheltenham, for the Treatment of Pulmonary and all other forms of Tuberculosis. Aspect S.S.W., sheltered from North and East, elevation 800 feet. Pure bracing air, SPECIAL TREATMENT by artificial PNEUMOTHORAX (X-ray controlled). TUBERCULINS, and ULTRA-VIOLET RAYS is available when necessary without extra charge. X-RAY plant, Fully Equipped Dental Department, Electric Light Radiators, hot and cold basins and Wireless in all rooms. Up-to-date drainage. Full day & night Nursing Staff. **Terms: 5½ to 8½ Guineas a week inclusive.**

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CLIFFDEN, TEIGNMOUTH

FOR EARLY AND CONVALESCENT CASES Recreational Therapies are held daily by skilled Leaders

The house stands high with spacious balconies and extensive views of the South Devon Coast. Beautiful garden. Own Dairy in 25 acres. Private road to beach.

There is also a charming house, EBWORTHY, MANATON, DARTMOOR, situated in 20 acres, 1100 ft. up for bracing moorland air.

Resident Physicians—BERTHA M. MULES, M.D., B.S. ANNE S. MULES, M.R.C.S., L.R.C.P.

Telephones—STARCROSS 259 and TEIGNMOUTH 289

HOLLOWAY SANATORIUM VIRGINIA WATER

A Registered Hospital for the Treatment of MENTAL DISORDERS of the EDUCATED CLASSES. Founded by THOMAS HOLLOWAY in 1885.

This Institution is situated in a beautiful and healthy locality within easy reach of London. It is fitted with every comfort. Patients can have Private Bedrooms and Special Nurses as well as the use of General Sitting Rooms, at moderate rates of payment. Voluntary Patients can be admitted.

There is a Branch Establishment at CANFORD CLIFFS, BOURNEMOUTH, where Patients can be sent for a change and be provided with all the comforts of a well-appointed home

For Terms, apply to—

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PECKHAM HOUSE, 112, Peckham Road, London, S.E.15

Telegrams: "Alleviated, London" **Telephone: Rodney 2641-2642**

A Private Mental Hospital, for Ladies and Gentlemen suffering from Nervous and Mental Illness, where the amenities of a comfortable home are combined with full investigation and every well-established modern treatment.

Terms from 3½ guineas weekly.

Illustrated Prospectus may be obtained from the Physician Superintendent.

SHAFTESBURY HOUSE

FORMBY-BY-THE-SEA Nr. LIVERPOOL

Specially built and licensed for the care and treatment of a limited number of Ladies and Gentlemen suffering from NERVOUS and MENTAL breakdown. Voluntary and certified patients received. Ladies also admitted as Temporary Patients without certification. Terms moderate. *Apply*, RESIDENT PHYSICIAN, who may be seen in Liverpool, by appointment *Tel. No. 8 Formby.*

THE MAGHULL HOMES FOR EPILEPTICS (Inc.)

MAGHULL (near LIVERPOOL)

FARMING and OPEN AIR OCCUPATION for PATIENT

A few vacancies in 1st and 2nd Class Houses.

FEES: 1st Class (men only) from £3 5s. per week upwards.
2nd Class (men and women) 32/- per week.

For further particulars apply: C. EDGAR GRISEWOOD, A.C.A.
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Near DARTFORD, KENT.

Ladies and Gentlemen received for treatment under certificates, and without certificates as either VOLUNTARY or TEMPORARY PATIENTS, at a weekly fee of £2 9s., and upwards.

THE GROVE HOUSE,

CHURCH STRETTON, SHROPSHIRE.

Private Home for Ladies mentally ill. Voluntary and Temporary Patients received.

Medical Superintendent: Dr J. A. McCLINTOCK

PRIOR PLACE SANATORIUM

HEATHERSIDE, CAMBERLEY, SURREY

FOR THE TREATMENT OF PULMONARY TUBERCULOSIS

Well situated on high ground and surrounded by pines and heather. All rooms are fitted with electric light, wash basins with hot and cold water, and radiators. X-ray plant. Day and night nursing staff

RESIDENT MEDICAL SUPERINTENDENT: Dr H. O BLANFORD, to whom application for admission can be made

HEIGHAM HALL, NORWICH

PRIVATE MENTAL HOME for Nervous and Mental Illness. All forms of treatment available. Fees from 4 gns. per week upwards according to requirements. Vacancies occasionally exist at reduced fees on the recommendation of the patient's own physician.

Apply to Dr. J. A. SMALL. Telephone: Norwich 80.

PORTSMOUTH CITY MENTAL HOSPITAL

Accommodation is provided for the reception of PRIVATE PATIENTS of both sexes in three detached Villas, which are healthily and pleasantly situated in extensive grounds with sea views.

Charges from 3 guineas weekly, including all necessaries except clothing.—Apply to the Medical Superintendent and Resident Physician, THOMAS BEATON O.B.E., M.D. F.R.C.P

Metropolitan Borough of Stoke NEWINGTON.

APPOINTMENT OF TEMPORARY ASSISTANT MEDICAL OFFICER OF HEALTH.

Applications are invited from registered medical practitioners for the post of Temporary Assistant Medical Officer of Health at a salary of £600 per annum, rising by £25 per annum to £700 per annum. The officer appointed will be required to devote the whole of his time to the duties of the office under the direction of the Medical Officer of Health, and these duties will include frequent and regular inspection by day and by night of the public shelters in the district and of such other medical services as may be required.

The appointment is subject to one month's notice on either side.

Preference will be given to an applicant holding a Diploma of Public Health.

Applications, stating age, qualifications with dates, and experience, together with copies of three testimonials, should be addressed to the Medical Officer of Health and must reach him not later than 31st December, 1940.

C. KENT WRIGHT, Town Clerk.

Stoke Newington Town Hall, Public Health Department, Stoke Newington Church-street, N.16.

Hampstead General Hospital,

Haverstock Hill, N.W.3.

OUT-PATIENT DEPARTMENT, Camden Town, N.W.1.

Applications are invited from registered single medical Women for the resident appointment of CASUALTY SURGICAL OFFICER for six months, vacant 14th January next, at the Out-patient Department, Camden Town. Salary £100 per annum, plus an allowance of £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned to the undersigned immediately.

KENNETH A. F. MILES, Secretary.

London County Council.

Temporary ASSISTANT DISTRICT MEDICAL OFFICER required for Areas IX and X, District E (Part Borough of Lewisham). Provisional salary £175, including allowance for the use of surgery.

Person engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Engagement until 31st March, 1941, in first instance. Remuneration and conditions subject to review.

Vacancy exists during absence on War Service of the appointed Assistant District Medical Officer.

Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 8th January.

Canvassing disqualifies.

London County Council.

Temporary ASSISTANT DISTRICT MEDICAL OFFICER required for Areas IX and X, District G (Part Borough of Lewisham). Provisional salary £130.

Person engaged required to carry out duties prescribed by Public Assistance Order, 1930, and to reside in or near district. Engagement until 31st March, 1941, in first instance. Remuneration and conditions subject to review.

Application form obtainable (stamped addressed foolscap envelope necessary) from Medical Officer of Health, Staff Division (S.D.6), County Hall, S.E.1, returnable by 8th January.

Canvassing disqualifies.

University of London King's College.

The Delegacy will require in January next the services of a DEMONSTRATOR IN PHYSIOLOGY in the Faculty of Medicine at Birmingham. Salary £100 per term.

Candidates should send in their applications, accompanied by copies of three recent testimonials, not later than 31st December, 1940, to the Deputy Secretary, King's College, Hospital Centre, Birmingham, 15, from whom particulars and forms of application may be obtained.

The Hostel of St. Luke, Clergy

NURSING HOME, 14 Fitzroy Square, London, W.1.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners (Male and Female), British nationality, for the appointment of Resident Medical Officer (B2), including R Practitioners who now hold A posts. If held by an R Practitioner the appointment will be limited to six months, otherwise it will be for a period of six months and may be renewable for a further period of six months. The salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and recent post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. A. CAMPBELL, Surgeon-Captain, R.N. retired, Secretary.

Evelina Hospital for Sick Children,

Southwark Bridge-road, S.E.1.

Applications are invited at once from registered Medical Practitioners, including R Practitioners within three months of qualification, for the combined appointment of HOUSE SURGEON-OUT-PATIENT OFFICER (A), for six months from the 1st January, 1941. Salary at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

W. H. SIDNELL, House Governor.

13th December, 1940.

King Edward Memorial Hospital,

Mattock-lane, Ealing, W.13.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of CASUALTY OFFICER AND DEPUTY RESIDENT MEDICAL OFFICER (B2), now vacant, including R Practitioners who now hold A posts. Six months' appointment. Salary at the rate of £225 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of two recent testimonials, should be sent to the undersigned immediately.

R. A. MICKELWRIGHT, House Governor.

Resident Junior Assistant Medical OFFICER (B2) required by Middlesex County Council for NORTH MIDDLESEX COUNTY HOSPITAL, Silver Street, Edmonton, N.18. Applications invited from registered medical practitioners (male or female) who have held resident appointments in general hospitals (including R practitioners who now hold A posts. Salary £250 p.a. Board, lodging, laundry. Wholetime general medical and surgical duties under supervision of Medical Superintendent. Subject to medical examination and one month's notice, is primarily for six months, may be extended for further 6 months. Post now vacant. Application, stating age, qualifications with dates, nationality, present post and previous appointments to the undersigned. No application forms provided. Relationship to any member or officer of Council to be disclosed. Copies of not more than three recent testimonials. Canvassing directly or indirectly will disqualify. Closing date 4th January, 1941.

C. W. RADCLIFFE, "B2" Clerk of the County Council.

Guildhall, Westminster, S.W.1.

30

Metropolitan Borough of Finsbury.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH (TEMPORARY).

Applications are invited from registered medical practitioners for the whole-time temporary appointment of Assistant Medical Officer of Health at an inclusive salary at the rate of £600 per annum. Preference will be given to candidates holding a Diploma in Sanitary Science, Public Health, or State Medicine.

The successful applicant will be required to assist the Medical Officer of Health in the administration of medical aid posts at air-raid shelters, the supervision of medical and nursing staff thereat, and to carry out such other duties as the Council may from time to time require.

Applications must be made upon a form to be obtained at this office, and reach me not later than the first post on Wednesday, the 1st January, 1941.

Canvassing in any manner whatsoever will disqualify candidates.

T. J. WILSON, Town Clerk.

Finsbury Town Hall, Rosebery-avenue, E.C.1,
16th December, 1940.

The Royal Cancer Hospital (Free)

(Incorporated under Royal Charter),
Fulham-road, London, S.W.3.

Applications are invited for the post of MEDICAL REGISTRAR. Candidates must be duly qualified and registered under the Medical Act and engaged in consulting practice only. Preference will be given to those holding the diploma of M.R.C.P.

The appointment will be for the duration of the war. Honorarium £150 per annum.

Applications, together with copies only of not more than three recent testimonials, to be sent to the undersigned not later than the first post on Wednesday, 8th January, 1941.

CLEMENT COBBOLD, Secretary.

The Victoria Hospital for Children,

Tite-street, Chelsea, S.W.3.

APPOINTMENT OF
SENIOR RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners, including suitably qualified R practitioners holding B2 or B1 posts, for the appointment of Senior Resident Medical Officer (Male or Female), to become vacant on 1st February, 1941. Salary £200 per annum, with board, lodging and washing.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Friday, 17th January, 1941.

D. ST. JOHN BAMFORD, Secretary.

Hampstead General Hospital,

Haverstock Hill, N.W.3.

(REGION 5, SECTOR 4—E.M.S.)
At Haverstock Hill, N.W.3.

Applications are invited from single medical Men, including R practitioners holding A posts, for the post of HOUSE SURGEON (B2) for six months, vacant 1st March. Salary £133 6s. 8d. per annum.

At OUT-PATIENT DEPT., Camden Town, N.W.1.

Applications are invited from single medical Women for the post of CASUALTY MEDICAL OFFICER (B2) for six months, vacant 1st February. Salary £100 per annum, plus an allowance at £50 per annum for duties in connexion with the First-Aid Post established there.

Applications on the prescribed form, with copies of three testimonials, to be returned by 21st January.

KENNETH A. F. MILES, Secretary.

Hospital for Consumption and Diseases

OF THE CHEST,
Brompton, S.W.3.

The Committee of Management invite applications from registered medical practitioners, including R practitioners who now hold A posts, for the post of HOUSE PHYSICIAN (B.2) at the SANATORIUM at FRIMLEY. The appointment is for six months, commencing March 1st, 1941, with an honorarium of £50.

Applications, stating age, qualifications with dates, nationality and present post, and accompanied by copies of one or more recent testimonials, should reach the undersigned not later than Saturday, 11th January, 1941.

F. G. ROUVRAY, Secretary.

Brompton, December, 1940.

The Willesden General Hospital,

Harlesden-road, N.W.10.

Applications are invited from registered medical practitioners for the appointment of a HOUSE PHYSICIAN (A), to become vacant on 1st January, 1941. R practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £166 13s. 4d. per annum, with full residential emoluments.

Applications, stating age, qualifications with date, and nationality, and accompanied by copies of three recent testimonials, should be sent immediately to the undersigned.

J. R. DRAKE, Secretary.

HIS MAJESTY'S COLONIAL SERVICE

THE COLONIAL MEDICAL SERVICE

VACANCIES FOR MEDICAL OFFICERS

The maintenance of an efficient Colonial Medical Service constitutes a vital part of the national war effort and it is most important that the Service should be assured of an adequate supply of doctors.

The Secretary of State for the Colonies therefore invites applications from doctors possessing a medical qualification registrable in the United Kingdom who are British subjects and who are under thirty-five years of age.

Medical Officers are appointed in the first instance for general service. But there are ample opportunities for work in special branches of medicine and surgery, in public health and in medical research.

The normal salary scale is from £600 to between £1,000 and £1,120. There are large numbers of super-scale posts to which promotion is made on merit and which carry higher salaries.

Government quarters, in many cases free of rent, and first-class passages to and from the Colonies are provided, and an adequate pension scheme is in force.

Selected candidates are normally required to attend a course of instruction in Tropical Medicine and Hygiene either before proceeding overseas or during their first period of leave.

Further particulars, including the regulations governing admission to the Colonial Medical Service, may be obtained from the Director of Recruitment (Colonial Service), 29, Queen Anne's-gate, London, S.W.1.

London Chest Hospital,

Victoria Park, E.2.

A vacancy for a class B2 HOUSE PHYSICIAN will occur on 1st February. Six months' appointment. Salary at the rate of £100 per annum. Board, residence, and laundry provided.

Applications, with copies of three testimonials, should be sent immediately to the SECRETARY.

British Postgraduate Medical School.

(UNIVERSITY OF LONDON).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of HOUSE SURGEON (A) to become vacant early in January, including R practitioners within three months of qualification. The appointment is for six months and carries a salary of £105 per annum, plus the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent not later than January 6th, 1941, to the DEAN, British Postgraduate Medical School, Ducane-road, London, W.12.

Hertfordshire County Council.

HAYMEADS EMERGENCY HOSPITAL, BISHOP'S STORTFORD. (771 Beds.)

APPOINTMENT OF HOUSE SURGEON (A Post).

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the appointment of House Surgeon to the above Hospital, the visiting staff of which consists of Consultants (mostly whole-time) appointed under the Emergency Medical Service scheme. The appointment is for six months, with possibility of prolongation, subject to the consent of the Central War Emergency Committee. Duties will commence early in January. Salary £200 per annum, with board and lodging.

Applications, stating age and full particulars of training and experience, accompanied by a testimonial from the Dean of the Medical School, should be addressed to the Medical Superintendent, Haymeads Emergency Hospital, Bishop's Stortford, Herts.

P. ELTON LONGMORE, Clerk of the County Council.

County Hall, Hertford.

King Edward VII. Hospital, Windsor.

Applications are invited from registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A). If held by an R practitioner the appointment will be for a period of six months. The salary is at the rate of £120 per annum, with full residential emoluments, and at the present time an additional £32 per annum is paid from a grant made by the Ministry of Health.

Applications, stating age, qualifications with dates, and nationality, together with copies of three recent testimonials, should be sent to the undersigned as soon as possible.

GEORGE WESTON, Secretary.

The Prince of Wales's Hospital,

Greenbank-road, PLYMOUTH.

(Formerly the South Devon and East Cornwall Hospital.)

Applications are invited from registered medical practitioners for the appointments of HOUSE SURGEONS (A) to become vacant on 8th February and 26th February, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Salary is at the rate of £132 per annum, with full residential emolument in each case.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than 6th January.

ARTHUR R. CASH, General Superintendent.

16th December, 1940.

Northumberland County Council.

HEXHAM EMERGENCY HOSPITAL.

APPOINTMENT OF HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners (Male and Female), including R practitioners within three months of qualification, for appointments as House Surgeons at the above Hospital (440 Beds). Appointments will be for six months, and, except in the case of R practitioners, will be renewable.

The salary is at the rate of £200 per annum, with full residential emoluments, or an allowance at the rate of £100 until residential accommodation is available.

Applications, stating age, qualifications with dates, and nationality, accompanied by copies of three recent testimonials, should be sent to the undersigned.

JOHN WALKER, County Medical Officer.

Public Health Department, New Senior School, Morpeth.

Birmingham and Midland Eye Hospital

(114 Beds.)

Applications are invited from duly qualified medical practitioners for the post of HOUSE SURGEON (B2) at the above Hospital.

Salary £130 per annum, rising to £150 at the end of six months' satisfactory service, and £10 laundry allowance. R practitioners holding A posts may apply, when the appointment will be limited to six months. The Resident Staff consists of a Resident Surgical Officer and three House Surgeons.

Applications, with testimonials and evidence of registration, should be forwarded immediately to the HOUSE GOVERNOR.

Church-street, Birmingham, 3.

County Borough of Smethwick.

ST. CHAD'S HOSPITAL.

HOUSE PHYSICIAN AND ANÆSTHETIST (A Post).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Physician and Anæsthetist at the Council's Municipal Hospital, including R practitioners within three months of qualification. The salary attaching to such appointment will be at the rate of £150 per annum, with the usual emoluments. If held by an R practitioner the appointment will be limited to six months; otherwise it may be renewed for a further period of six months, at the rate of £200 per annum.

St. Chad's Hospital contains 147 Beds, and the cases treated include general medical, acute surgical, and maternity patients. It is staffed by the Honorary Consultants of the Birmingham Teaching Hospitals.

Forms of application may be obtained from the Medical Superintendent, St. Chad's Hospital, Hagley-road, Birmingham, 16, to whom applications, endorsed "House Physician and Anæsthetist," and accompanied by copies of three recent testimonials, must be delivered not later than 4th January, 1941.

Canvassing, directly or indirectly, will disqualify.

FRANK CHAPMAN, Town Clerk.

Council House, Smethwick, 16th December, 1940.

Northampton Education Committee.

ASSISTANT SCHOOL DENTIST.

Applications are invited for the appointment of a fully qualified Dental Surgeon (Woman) as Assistant School Dentist. Salary £450 per annum, plus war bonus (at present 6 per cent. on first £300 and 3 per cent. on remainder). Duties to commence on 10th February, 1941.

Further particulars and form of application may be obtained by forwarding a stamped addressed envelope to the undersigned, by whom applications must be received not later than the 4th January, 1941.

H. C. PERRIN, Secretary for Education.

Education Office, "Springfield," Cliftonville, Northampton, 17th December, 1940.

City of Manchester.

PUBLIC HEALTH DEPARTMENT.

MONSALL HOSPITAL FOR INFECTIOUS DISEASES.
(600 Beds.)

APPOINTMENT OF
DEPUTY MEDICAL SUPERINTENDENT (B1).

The Public Health Committee invites applications from qualified Medical Men for the position of Deputy Medical Superintendent (B1) at the Monsall Hospital, Newton Heath, Manchester, 10, which will become vacant on March 20th, 1941. Every applicant must be a registered Medical Practitioner over thirty and under forty-five years of age, and must be willing to reside at the hospital.

Candidates must have held resident appointments at a general hospital, and must hold or have held appointments at a large fever hospital, and have a sound knowledge of infectious diseases and the keeping of clerical records. A knowledge of bacteriology and laboratory methods is essential. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply.

Salary £550 per annum (no bonus), with board, residence, and laundry valued at £85 per annum in addition. Subject to the Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than January 8th, 1941.

Canvassing in any form is prohibited.

R. H. ADCOCK, Town Clerk.

Town Hall, Manchester, 2, December 14th, 1940.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.
(Normally 412 Beds. Class 1A.)

Applications are invited from registered Medical Practitioners for the appointment of RESIDENT SURGICAL OFFICER (B1). Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, with full residential emoluments. The appointment will be for a period of twelve months.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

North Staffordshire Royal Infirmary,

STOKE-ON-TRENT.
(Normally 412 Beds. Class 1A.)

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of HOUSE PHYSICIAN (A) to become vacant on 8th January, 1941, including R Practitioners within three months of qualification. The appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

THORNBURROW GIBSON, Secretary and House Governor.

Borough of Bexley.

APPOINTMENT OF ASSISTANT MEDICAL OFFICER OF HEALTH (TEMPORARY).

Applications are invited from registered Medical Practitioners, holding a Diploma in Sanitary Science, Public Health, or State Medicine, for the whole-time appointment (temporary) of Assistant Medical Officer of Health at a salary of £500 per annum, rising by annual increments of £25 to a maximum of £700, subject to one month's notice on either side.

Travelling expenses incurred in the performance of the duties, where required, will be paid in addition to salary.

The appointment will be whole-time and the officer appointed will act under the supervision of the Medical Officer of Health. The duties will include the regular inspection by day or night as required of the public shelters in the Borough, and such other duties as may be required.

Forms of application may be obtained from the undersigned, and applications, accompanied by not more than three recent testimonials, must be received not later than the 8th January, 1941. The envelope must be endorsed "Assistant Medical Officer of Health."

W. WOODWARD, Town Clerk and Controller.

Danson Mansion, Bexleyheath, Kent.

Kettering and District General HOSPITAL.

APPOINTMENT OF A HOUSE PHYSICIAN (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Physician (A), to become vacant on 1st February, 1941. R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

G. W. JACKSON, Secretary-Superintendent.

Crossley Sanatorium, Kingswood,

Nr. FRODSHAM.

Applications are invited from registered medical practitioners for the appointment of a RESIDENT HOUSE PHYSICIAN (A), to become vacant on the 1st February, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 4th January, 1941.

W. HUNT, Secretary.

45, Hardman Street, Manchester, 3.

St. Anne's Hospital, Altrincham,

CHESHIRE.

Applications are invited from registered medical practitioners for the appointment of a RESIDENT HOUSE SURGEON (A) at the above EAR, NOSE, AND THROAT HOSPITAL (50 beds), to become vacant on 19th January, 1941, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be limited to six months. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than the 4th January, 1941.

W. HUNT, Secretary.

45, Hardman Street, Manchester 3.

Surrey County Council.

TEMPORARY ASSISTANT MEDICAL OFFICERS.

Applications are invited for the appointment of Temporary Assistant Medical Officers. Applicants must possess a qualification in Public Health. The main duties will be in connection with the School Medical and Maternity and Child Welfare Services, but the Officers appointed will be required to undertake such other Public Health duties as may be allocated to them. They will be on the staff of the County Medical Officer of Health, must reside in the County of Surrey, and devote their whole time to the work.

Salary at the rate of £600 per annum. Travelling expenses in accordance with the Council's scale will be allowed.

The appointments will be subject to the approval of the Ministry of Health and the Board of Education, to the successful candidates passing a medical examination, to the provisions of the Local Government Superannuation Act, 1937, and to the staffing Regulations of the Council, which provide, inter alia, that appointments may be determined at any time by three months' notice.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be made on the prescribed form and sent to the County Medical Officer of Health, Technical College, Stoke Park, Guildford, from whom copies of the application form may be obtained, and to whom any enquiries relating to the appointment should be addressed.

Last day for receipt of applications, 7th January, 1941.

Canvassing, directly or indirectly, will disqualify.

DUDLEY AUKLAND, Clerk of the County Council.

Technical College, Stoke Park, Guildford, 16th December, 1940.

Victoria Hospital, Accrington.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners (Male or Female) for appointment of House Surgeon (A), to become vacant on Jan. 7th, 1941, including R Practitioners within three months of qualifying. If held by an R Practitioner, appointment limited to six months. Salary rate £175 per annum, with full residential emoluments.

Application, stating age, qualifications, and nationality, and accompanied by copies of three recent testimonials, to be sent to undersigned.

J. KENYON, Financial Secretary.

Victoria Hospital, Burnley.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (A), to become vacant immediately, including R Practitioners, within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

J. E. WHEATCROFT, Secretary.

Royal Berkshire Hospital, Reading.

Applications are invited from registered Medical Practitioners (Male) for the appointment of RESIDENT ANÆSTHETIST (B2) to become vacant on January 1st, 1941, including R Practitioners who now hold A posts.

The appointment is for six months. A salary of £250 per annum, with board, residence, and laundry, will be paid to the candidate possessing suitable qualifications for the post.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

County Borough of Brighton.

SENIOR RESIDENT MEDICAL OFFICER (B1) AT THE INFECTIOUS DISEASE HOSPITAL AND SANATORIUM.

Applications are invited for the above appointment from duly qualified medical practitioners under 40 years of age, including in the case of male applicants, suitably qualified R practitioners holding B2 or B1 appointments.

The salary will be at the rate of £450 per annum, rising by annual increments of £25 to £500, together with board and lodging. Candidates should possess the Diploma in Public Health and have had experience in Infectious Disease and Bacteriological work. The post affords good opportunities of obtaining an insight into all branches of work of the Health Department, and Civil Defence duties.

Forms of application, with particulars of duties, etc., may be obtained from the undersigned. The successful candidate will be required to pass a medical examination before being appointed.

Applications (with copies of three recent testimonials enclosed), endorsed "Appointment of Senior Resident Medical Officer," must be delivered at my office not later than Monday, 13th January, 1941.

Canvassing members of the Council, either directly or indirectly, will disqualify any applicant for the position.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton 1, 16th December, 1940.

County Borough of Brighton.

JUNIOR RESIDENT MEDICAL OFFICER (B2) AT THE INFECTIOUS DISEASE HOSPITAL AND SANATORIUM.

Applications are invited for the above appointment from registered medical practitioners, and in the case of male applicants this includes R practitioners who now hold A posts.

Salary £250 per annum, with board and lodging.

The appointment is for a period of six months and affords opportunities for experience in all branches of the work of a Health Department, including Civil Defence duties.

Particulars and forms of application can be had from the undersigned.

Applications must be delivered at my office not later than Monday, 13th January, 1941.

RUTHERFORD CRAMB, Medical Officer of Health.

Royal York Buildings, Brighton, 1, 16th December, 1940.

Borough of Heston and Isleworth.

TEMPORARY ASSISTANT MEDICAL OFFICER.

Applications are invited from registered Medical Practitioners for the post of Temporary Assistant Medical Officer. A public health degree or diploma is desirable.

The duties will be mainly in connexion with the Maternity and Child Welfare and the School Medical Services, together with such other duties as the Medical Officer of Health may direct.

The salary will be at the rate of £500 per annum, rising by increments of £25 per annum to £700. The appointment is for a period of twelve months but may be extended and is terminable at any time by one month's notice.

Forms of application may be obtained from the Medical Officer of Health, 92, Bath-road, Hounslow, and completed applications, accompanied by not more than three recent testimonials and endorsed "Assistant Medical Officer," should be submitted to the undersigned not later than 3rd January, 1941.

HAROLD SWANN, Town Clerk.

Council House, Hounslow.

Weston-super-Mare Hospital.

(150 Beds.)

HOUSE SURGEON.

Applications are invited from Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of a House Surgeon (A) to become vacant on January 1st. If held by an R Practitioner the appointment will be limited to six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be addressed to the undersigned.

LESLIE J. FURBLAND, Secretary.

Calderstones Emergency Hospital,

WHALLEY, near BLACKBURN, LANCS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners (Male) for the appointment of House Surgeon (B2) to become vacant on 1st February, 1941, including R Practitioners who hold now A posts. If held by an R Practitioner the appointment will be limited to six months. Otherwise it will be for a period of six months in the first instance. The salary is at the rate of £200 per annum, with full residential emoluments.

APPOINTMENT OF THREE HOUSEMEN

(Medical or Surgical, A Posts).

Applications are invited from registered Medical Practitioners (Male) for the appointment of three Housemen (Medical or Surgical, A posts), including R Practitioners within three months of qualification. If held by an R Practitioner appointment will be for a period of six months. Otherwise it will be for a period of six months in the first instance. Salary is at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to THE MEDICAL SUPERINTENDENT not later than the 14th January, 1941.

The Corbett Hospital, Stourbridge,

WORCS.

100 Beds, Special Departments and Emergency Beds.

Appointment of HOUSE SURGEON (A).

Appointment of HOUSE PHYSICIAN (A).

Applications are invited from registered medical practitioners, male and female, for the appointment of House Surgeon (A) and House Physician (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointments will be made for six months in each case.

Salary is at the rate of £100 per annum for House Surgeon and £125 for House Physician with full residential emoluments.

Applications, stating age, qualifications with dates and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

W. G. H. WESTON, Secretary.

Bradford City Sanatorium, Grassington.

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of ASSISTANT MEDICAL OFFICER (A), including R Practitioners within three months of qualification. If held by an R Practitioner the appointment will be for a period of six months. Otherwise it will be for a period of one year. Salary £200 per annum, with full residential emoluments.

Form of application may be obtained from the Medical Officer of Health, Town Hall, Bradford, and should be returned not later than 3rd January, 1941.

N. L. FLEMING, Town Clerk.

Town Hall, Bradford, 13th December, 1940.

General Hospital, Nottingham.

(501 Beds.)

Applications are invited from registered Medical Practitioners (Male), including R Practitioners within three months of qualification, for the appointment of RESIDENT CASUALTY OFFICER (A) for the above Hospital—duties to commence early January, 1941. The appointment is for six months. Salary at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and copies of testimonials, should be sent to the undersigned.

HENRY M. STANLEY, House Governor and Secretary.

Nottingham City Hospital.

APPOINTMENT OF RESIDENT MEDICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Medical Officer to become vacant forthwith.

Applicants should have held house appointments and have had previous medical experience in hospital.

Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply.

Salary £350, rising by £25 per annum to £450, together with board, residence, and laundry.

The post is superannuable and the successful candidate must pass satisfactorily a medical examination.

Application forms can be obtained from me and should be returned, together with copies of three recent testimonials, as soon as possible.

J. E. RICHARDS, Town Clerk.

The Guildhall, Nottingham, December, 1940.

York Dispensary.

Applications are invited for the post of RESIDENT MEDICAL OFFICER (Female) to commence duties as soon as possible. The resident staff consists of two Medical Officers, whose duties are to visit and attend the sick poor in their own homes and to assist the honorary staff.

Candidates must be duly qualified and registered.

Experience in the administration of anæsthetics is essential.

Salary £220 per annum, with board, lodging, and attendance, with an allowance of £76 for car expenses and for laundry.

Applications, with testimonials, to be sent on or before 4th January, to—

JOHN C. PETERS, Secretary.

4, New-street, York.

Royal United Hospital, Bath.

RESIDENT APPOINTMENTS.

Applications are invited for the following A appointments which become vacant on the dates stated:—

HOUSE SURGEON (General Surgery and Ear, Nose, and Throat)—15th January, 1941.

HOUSE SURGEON (Gynæcology, Obstetrics, and Anæsthetics)—15th January, 1941.

Two HOUSE PHYSICIANS (General Medicine and Casualty)—1st January, 1941.

R practitioners within three months of qualification may apply, when appointments will be limited to six months.

Salaries at the rate of £150 per annum, with board, residence, and laundry.

Applications (clearly indicating the post desired), stating age, qualifications, and experience, together with a copy of three testimonials, to be addressed to the undersigned by 27th December, 1940.

J. LAWRENCE MEARS, Secretary-Superintendent.

11th December, 1940.

Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered medical practitioners for the appointment of Resident Surgical Officer to become vacant on February 17th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £225 per annum.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than January 15th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

Addenbrooke's Hospital, Cambridge.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners, Male and Female, for the appointment of House Surgeon (A) to become vacant on February 1st, 1941, including R practitioners within three months of qualification. The appointment will be for a period of six months, but is terminable at an earlier date by one month's notice on either side. Salary is at the rate of £130 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned not later than Wednesday, January 8th, 1941.

J. A. BEARDSALL, Secretary-Superintendent.

Exeter City Hospital E.M.S.

APPOINTMENT OF HOUSE SURGEON (A).

Applications are invited from registered medical practitioners (Male) for the appointment of House Surgeon (A) to become vacant on 1st February, 1941, including R practitioners within three months of qualification. The appointment will be limited to six months. Salary is at the rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned forthwith.

G. B. PAGE, Medical Officer of Health.

5, Southernhay West, Exeter, 16th December, 1940.

Derbyshire Royal Infirmary, Derby.

(General Hospital. 416 Beds.)

Applications are invited from registered medical practitioners (Male and Female) for the appointment of an EAR, NOSE, AND THROAT HOUSE SURGEON (A) vacant now, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months. Otherwise it will be for a period of twelve months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

ARTHUR TAYLOR, Superintendent and Secretary.

The Royal Infirmary, Sunderland.

Applications are invited from Male registered medical practitioners, including R practitioners within three months of qualification, for the appointment of HOUSE SURGEON (A).

The appointment will be limited to six months.

The salary is at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned at the earliest possible date.

M. J. HUNTLEY, House Governor and Secretary.

Huddersfield Royal Infirmary.

(321 Beds.)

Male HOUSE SURGEON (an A appointment) required to commence duty on January 31st, 1941. Salary £150 per annum, with board, residence, and laundry. Appointment for six months subject to renewal for a similar period. R Practitioners within three months of qualification may apply, when the appointment will be limited to six months. The Hospital is officially recognised for the surgical practice required of non-members before admission to the final Fellowship Examination of the Royal College of Surgeons of England.

Applications, with copies of three recent testimonials, to be addressed to the undersigned.

H. J. JOHNSON, General Superintendent and Secretary.

Hull Royal Infirmary.

Applications are invited from registered medical practitioners (Male), including R practitioners within three months of qualification, for the post of CASUALTY OFFICER (A) vacant January. If held by an R practitioner the appointment will be for a period of six months. Salary at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of recent testimonials, should be sent to the undersigned.

R. J. CARLESS, House Governor.

County Borough of Great Yarmouth.

Applications are invited from persons of not more than forty-five years of age for the appointment of ASSISTANT MEDICAL OFFICER OF HEALTH AND ASSISTANT SCHOOL MEDICAL OFFICER at a salary of £500 per annum, rising by annual increments of £25 to £700 per annum.

The person appointed will be required to conduct routine medical inspection in schools and attend at the various school clinics, to assist in the general duties of the Public Health Department, which includes the treatment and care of patients at the Borough Isolation Hospital, and work under the Maternity and Child Welfare Service.

The holding of a Diploma in Public Health will be considered an advantage.

The appointment is a whole-time one and the person appointed will be required to act for all purposes under the direction of the Medical Officer of Health and will not be allowed to engage in private practice.

The successful candidate will be required to pass a medical examination.

A form of application, which may be obtained from the undersigned, must be completed and returned to me, together with copies of not more than three recent testimonials, on or before the 14th January, 1941, in an envelope endorsed "Assistant Medical Officer."

The appointment will be subject to the approval of the Ministry of Health and to the provisions of the Local Government Superannuation Act, 1937.

Canvassing, either directly or indirectly, by or on behalf of a candidate will be a disqualification, and candidates must disclose in writing whether to their knowledge they are related to any member of, or holder of any senior office under, the Council. Any candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

The appointment will be terminable by three months' notice on either side.

FARRA CONWAY, Town Clerk.

Town Hall, Great Yarmouth, 18th December, 1940.

City and County of Newcastle upon TYNE.

NEWCASTLE GENERAL HOSPITAL. (900 Beds.)
SHOTLEY BRIDGE EMERGENCY HOSPITAL. (800 Beds.)

APPOINTMENT OF HOUSE PHYSICIANS (A) AND HOUSE SURGEONS (A).

Applications are invited from registered medical practitioners for the appointments of House Physicians (A) and House Surgeons (A), including R practitioners within three months of qualification.

The appointments will be tenable for a period of six months. Salary £150 per annum at the Newcastle General Hospital and £200 at Shotley Bridge Emergency Hospital, together with the usual residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of two recent testimonials, should be forwarded immediately to the Medical Officer of Health, Health Department, Town Hall, Newcastle upon Tyne, 1.

17th December, 1940.

The Staffordshire General Infirmary, STAFFORD.

Applications are invited from registered medical practitioners for the appointment of HOUSE SURGEON (B2) to commence duties immediately. Experience in Fracture work an advantage. Salary £175 per annum, with board-residence. R practitioners holding A posts may apply, when appointment will be limited to six months.

Applications, stating age, qualifications, and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 17th December, 1940.

The Staffordshire General Infirmary, STAFFORD.

Applications are invited from registered medical practitioners, Male and Female, for the appointment of a HOUSE PHYSICIAN (A) to commence duties immediately, including R practitioners within three months of qualification. The appointment will be for six months. Salary £150 per annum, with board-residence.

Applications, stating age, qualifications and experience, accompanied by copies of three recent testimonials, should be sent to me forthwith.

A. E. COLLINS, Secretary.

Stafford, 21st December, 1940.

Lincoln County Hospital.

Applications are invited from registered Medical Practitioners, Male, unmarried, including R Practitioners within three months of qualification, for the appointment of JUNIOR HOUSE SURGEON (A). The appointment is for six months. Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, nationality, medical school and qualifications with dates, and accompanied by copies of three recent testimonials, should be sent to the undersigned.

ARTHUR MOORE, Secretary-Superintendent.

Lincoln, 19th December, 1940.

County of Dorset.

TEMPORARY ASSISTANT COUNTY MEDICAL OFFICER.

The Dorset County Council invite applications for an appointment as above from registered medical practitioners who are either not less than forty-five years of age or ineligible for service in H.M. Forces, in which latter case full reason should be stated.

The candidate appointed will be required to devote his whole time to the service of the County and to act under the direction of the County Medical Officer and perform such duties in connexion with the County's Health Services as may be required.

The work will be mainly in connexion with the School Medical Service. The possession of a car is essential and residence in or near Dorchester will be required.

The appointment will not exceed a period of two years in the first instance and will be subject to three months' notice on either side and to medical fitness.

The salary will be at the rate of 10 guineas per week and travelling allowance on the County Scale.

Applications, stating age, qualifications, date available, and full details of past experience, accompanied by not more than three recent testimonials or references, should be forwarded as soon as possible

Canvassing in any form will be a disqualification.

C. P. BRUTTON, Clerk of the County Council.

The County Offices, Dorchester, 18th December, 1940.

County Council Hospital, Hereford,

AND HUTMENTS ANNEXE, HEREFORD.

Applications are invited from registered medical practitioners for the appointment of ASSISTANT MEDICAL OFFICER (B1) at the above Hospital. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding the Diploma of F.R.C.S. Suitably qualified R practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £350 per annum, plus £100 in lieu of board-residence until such is available.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to Dr. W. OGILVY REID, Medical Superintendent, not later than Friday, 3rd January, 1941.

The King Edward VII Welsh National

MEMORIAL ASSOCIATION.

Applications are invited from registered medical practitioners (Male) for the under-mentioned appointments, including R practitioners within three months of qualification. If held by an R practitioner the appointments will be for a period of six months. Otherwise they will be for a period of one year :—

HOUSE PHYSICIAN (one vacancy), at the SOUTH WALES SANATORIUM, TALGARTH, BRECS. (286 Beds for male pulmonary cases.)

HOUSE PHYSICIAN (two vacancies), at the SULLY HOSPITAL, SULLY, GLAM. (300 Beds for the treatment of pulmonary tuberculosis), situate between Penarth and Barry).

Salary in each instance at the rate of £200 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should reach the undersigned not later than Tuesday, January 7th, 1941.

D. A. POWELL, Principal Medical Officer.

Memorial Offices, Cathays Park, Cardiff, December 19th, 1940.

Norfolk and Norwich Hospital, Norwich.

(448 Beds.)

Applications are invited from registered medical practitioners (Male) for the following appointments :—

HOUSE PHYSICIAN (B2 post), open to R practitioners who now hold A posts.

GENERAL HOUSE SURGEON (A post).

DEPUTY CASUALTY OFFICER, with charge of beds in Ear, Nose and Throat and Ophthalmic Wards (A post). These posts are open to R practitioners within three months of qualification.

If held by R practitioners, the appointments will be for periods of six months.

Salaries for all posts are at the rate of £120 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

FRANK INCH, House Governor and Secretary.

27th December, 1940.

Kent and Sussex Hospital, Royal

TUNBRIDGE WELLS.

APPOINTMENT OF HOUSE SURGEON (B2).

Applications are invited from registered Medical Practitioners, Male, for the appointment of House Surgeon (B2), to become vacant immediately, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Salary is at the minimum rate of £175 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned as soon as possible.

TOM B. HARRISON, Superintendent-Secretary.

30th November, 1940.

The Urban District Council of

CASTLEFORD.

APPOINTMENT OF MEDICAL OFFICER OF HEALTH.

Applications are invited from registered medical practitioners holding the Diploma in Public Health or its equivalent for the above-named whole-time appointment, which will be subject to the provisions of the Sanitary Officers' (Outside London) Regulations, 1935, and the Local Government Act, 1933.

The salary attached to the post is £800 per annum, advancing, subject to satisfactory service, by annual increments of £25, to a maximum of £950 per annum, together with an allowance for travelling expenses of £50 per annum. Office accommodation and any necessary clerical assistance will be provided.

The candidate must not be more than forty-five years of age. He will be required:—

(a) To reside in Castleford or within such distance therefrom as may be approved ;

(b) To perform all the duties imposed on a Medical Officer of Health by the relevant Acts and Orders ;

(c) To perform such other public health duties, not being incompatible with the above, as the Urban Council may decide upon ;

(d) To undertake such additional duties in the future as may be necessary to give effect to arrangements made by the West Riding County Council under Section III of the Local Government Act, 1933, and also duties in connexion with the Air Raid Precautions Act, 1937.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and to the successful candidate passing a medical examination as to his physical fitness.

Applications, stating age, qualifications, and experience, on prescribed forms which may be obtained from the undersigned, and accompanied by not more than three recent testimonials, must be delivered to the undersigned not later than first post on Saturday, 4th January, 1941.

W. E. S. BARNES, Clerk of the Council.

Town Hall, Castleford.

The West Riding of Yorkshire

HOSPITALS BOARD

PINDERFIELDS EMERGENCY HOSPITAL

APPOINTMENT OF HOUSE PHYSICIAN (A)

Applications are invited from registered medical practitioners, for the appointment of House Physician (A) now vacant, including R practitioners within three months of qualification. If held by an R practitioner, appointment will be for a period of six months, otherwise it will probably be for a period of 12 months or more.

Salary is at the rate of £200 per annum, with full residential allowances.

Applications, stating age, and qualifications, with dates and nationality, together with the names and addresses of two persons to whom reference may be made, to be forwarded to the undersigned not later than the 6th January, 1941.

There is no printed form of application.

G. L. BANNER, Clerk of the Board.

Board Offices, Victoria Chambers, Wood-street, Wakefield (P.O. Box No. 28). December, 1940.

Royal Berkshire Hospital, Reading.

Applications are invited from registered medical practitioners (Male) for the following A appointments which fall vacant on the dates stated :—

HOUSE SURGEON—24th January, 1941.

HOUSE SURGEON to the SPECIAL DEPARTMENTS (Eye, Ear, Nose, and Throat)—11th February, 1941.

HOUSE PHYSICIAN—6th February, 1941.

RESIDENT MEDICAL OFFICER at the BLAGRAVE BRANCH HOSPITAL and Assistant to the Pathologist—31st January, 1941.

Including R practitioners within three months of qualification. The appointments are all for six months.

Salary is at the rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, nationality, and present post, and accompanied by copies of three recent testimonials, should be sent to the undersigned immediately.

H. E. RYAN, Secretary and House Governor.

City of Leicester.

CITY GENERAL HOSPITAL.

AMENDED ADVERTISEMENT

APPOINTMENT OF A RESIDENT MEDICAL OFFICER (B2).

Applications are invited from registered Medical Practitioners for the appointment of a Resident Medical Officer for mainly obstetrical duties, including R Practitioners who now hold A posts. If held by an R Practitioner, appointment will be limited to six months. Otherwise it will be for a period of six months and renewable for a further six months. Salary is at the rate of £300 per annum, with full residential emoluments.

Preference will be given to those with, or reading for, higher qualifications.

Applications (on forms supplied), accompanied by copies of three recent testimonials, must be sent in as soon as possible, endorsed "R.M.O.," addressed to the undersigned.

E. K. MACDONALD, Medical Officer of Health.

Health Department, Grey Friars, Leicester,

December, 1940.

Blackburn Royal Infirmary.

(244 Beds—5 Residents.)

Appointment of RESIDENT SURGICAL OFFICER (B1).

Applications are invited from registered Medical Practitioners for the appointment of Resident Surgical Officer to become vacant on January 6th, 1941. Applicants should have held house appointments and had surgical experience. Preference will be given to candidates holding diploma of F.R.C.S. Suitably qualified R Practitioners holding B2 or B1 appointments are invited to apply. Salary is at the rate of £250.

Applications, stating age, nationality, qualifications with dates, experience, and details of previous appointments, and accompanied by copies of three recent testimonials, should be sent to the undersigned as early as possible.

T. DEWHURST, General Superintendent and Secretary.

Nottingham General Dispensary.

HYSON GREEN BRANCH, NOTTINGHAM.

Wanted, RESIDENT MEDICAL OFFICER (Female), unmarried. Must have medical and surgical qualifications. Salary £300, with £25 increase per year up to £350. House, with attendance, lights and fuel (not board).

The institution is a non-provident one. No beds. No midwifery.

The person appointed will be required to take up duty as early as possible. Appointment for twelve months terminable (then or thereafter) by three months' notice.

Applications, stating age, qualifications, and nationality, and accompanied by copies of recent testimonials, to be sent forthwith to—

E. BREARLEY, Acting Secretary.

5, Thurland-street, Nottingham.

Taunton and Somerset Hospital,

TAUNTON.

HOUSE SURGEON (A).

Applications are invited from registered Medical Practitioners, Male and Female, for the appointment of a House Surgeon (A). R Practitioners within three months of qualification may apply, when appointment will be limited to six months. Salary at rate of £150 per annum, with full residential emoluments.

Applications, stating age, qualifications with dates, and nationality, and accompanied by copies of testimonials, to be sent to F. J. J. STACEY, Secretary.

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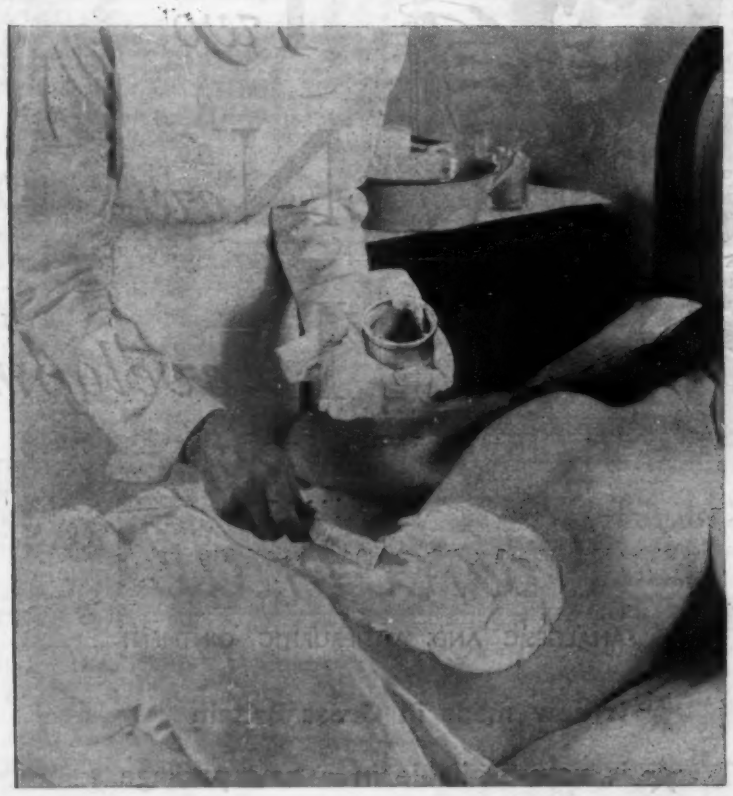

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